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Ingalls' ballistic tables

James Monroe Ingalls

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INGALLS' BALLISTIC TABLES

COMPUTED BY
COLONEL JAMES M. INGALLS
U. S. ARMY

1893

REVISED
UNDER THE DIRECTION OF THE ORDNANCE BOARD

1917

WASHINGTON
GOVERNMENT PRINTING OFFICE
1918

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ERRATA.

TABLE I.

Page.	Value of U.	Column.	Correction.	Page.	Value of U.	Column.	Correction.
3	3,390	T (u) Δ..	For 0.008 read 0.009.	12	961	T (u) Δ..	For 0.01 read 0.019.
3	3,350	S (u).....	For 794.1 read 694.1.	21	540	I (u) Δ...	For 0.00878 read 0.00876.
3	3,350	I (u).....	For 0.03450 read 0.03509.	23	407	I (u) Δ...	For 0.20048 read 0.02048.
3	3,010	I (u).....	For 0.04122 read 0.4142.	24	367	I (u).....	For 5.68654 read 4.68654.
4	2,870	I (u).....	For 0.04456 read 0.04459.	25	323	T (u).....	For 50.749 read 50.747.
9	1,118	T (u) Δ..	For 0.01 read 0.018.	28	189	T (u).....	For 97.689 read 97.685.

TABLE IIA.

Page.	Value of Z.	Column.	Correction.	Page.	Value of Z.	Column.	Correction.
30	7,000	H Δ.....	For 9 read 8.	31	18,400	$\frac{AV^2}{700^2}\Delta$..	For 479 read 469.

TABLE II.

Page.	Value of Z.	Column.	Correction.	Page.	Value of Z.	Column.	Correction.
33	8,700	Log B'...	For 0.11828 read 0.11728.	63	19,100	A Δ.....	For 1214 read 1216.
34	12,000	Log B' Δ.	For 132 read 131.	64	1,000	T'.....	For 0.985 read 0.986.
34	12,100	Log B' Δ.	For 131 read 130.	64	2,600	log B' Δ..	For 048 read 148.
34	12,700	Log Q....	For 0.19096 read 0.19086.	65	5,100	H Δ.....	For 45 read 43.
35	15,000	Log Q....	For 0.22310 read 0.22910.	65	6,600	U Δ.....	For 3.6 read 3.4.
35	15,500	Log Q....	For 0.23766 read 0.23756.	65	7,900	U.....	For 695.6 read 695.5.
35	17,400	T'.....	For 32.599 read 32.591.	66	11,400	H Δ.....	For 42 read 43.
36	800	Log Q....	For 0.01156 read 0.01166.	66	11,500	H Δ.....	For 43 read 42.
36	2,500	Log Q....	For 0.03630 read 0.03620.	66	11,600	H Δ.....	For 42 read 43.
36	3,400	A.....	For 0.16947 read 0.16948.	66	12,100	T' Δ.....	For 176 read 175.
37	5,400	H Δ.....	For 42 read 43.	67	15,700	T' Δ.....	For 206 read 208.
37	6,400	A Δ.....	For 672 read 676.	67	16,200	T' Δ.....	For 211 read 213.
37	9,900	H Δ.....	For 45 read 44.	67	17,500	A Δ.....	For 1016 read 1015.
38	11,200	U.....	For 502.1 read 502.0.	67	18,400	T' Δ.....	For 234 read 236.
38	11,300	U Δ.....	For 2.4 read 2.3.	68	900	H Δ.....	For 64 read 62.
38	14,100	A Δ.....	For 1,137 read 1,133.	69	9,900	log Q Δ...	For 117 read 171.
38	14,400	Log Q Δ..	For 169 read 168.	70	11,200	H.....	For 0.50228 read 0.30228.
38	14,500	U Δ.....	For 2.0 read 2.1.	70	11,500	log B'....	For 0.16260 read 0.16269.
38	14,600	Log Q Δ..	For 169 read 168.	70	12,000	A.....	For 0.53250 read 0.53280.
39	18,800	Log B'...	For 0.24856 read 0.24896.	70	13,600	log B'....	For 0.16873 read 0.18873.
40	3,700	log Q Δ...	For 140 read 146.	73	8,700	log Q Δ..	For 177 read 178.
40	3,800	log Q Δ...	For 146 read 147.	73	9,200	H Δ.....	For 41 read 40.
40	4,800	log B'....	For 0.06858 read 0.06585.	73	9,300	H Δ.....	For 40 read 41.
43	15,700	T' Δ.....	For 239 read 241.	74	12,300	log B' Δ..	For 121 read 122.
44	1,100	A.....	For 0.04941 read 0.04541.	74	12,300	log Q....	For 0.25346 read 0.24346.
47	18,200	H.....	For 0.53010 read 0.33010.	74	12,400	log Q....	For 0.25521 read 0.24521.
47	18,300	H Δ.....	For 48 read 47.	74	12,500	log Q....	For 0.25697 read 0.24697.
48	1,900	H.....	For 0.25717 read 0.25817.	74	12,600	log Q....	For 0.25873 read 0.24873.
51	17,800	H.....	For 0.32547 read 0.32847.	74	12,700	log Q....	For 0.26049 read 0.25049.
51	18,700	log Q.....	For 0.30234 read 0.30254.	74	12,800	log Q....	For 0.26225 read 0.25225.
54	10,700	A.....	For 0.56642 read 0.56342.	74	12,900	log Q....	For 0.26401 read 0.25401.
55	15,400	U Δ.....	For 2.2 read 2.1.	74	13,000	log Q....	For 0.26577 read 0.25577.
55	15,500	U Δ.....	For 2.1 read 2.2.	74	14,100	H Δ.....	For 43 read 42.
55	15,500	A.....	For 0.96144 read 0.98144.	75	15,700	log B' Δ..	For 123 read 122.
55	15,700	T'.....	For 24.770 read 24.780.	75	16,700	U.....	For 485.9 read 484.9.
55	16,200	log Q Δ...	For 175 read 173.	75	19,800	T'.....	For 30.568 read 30.658.
55	18,400	U Δ.....	For 1.9 read 1.8.	78	10,800	H.....	For 0.30459 read 0.30439.
55	19,000	T' Δ.....	For 361 read 261.	78	13,800	log B'....	For 0.19523 read 0.19623.
55	19,800	T' Δ.....	For 371 read 271.	79	17,900	U.....	For 567.4 read 467.4.
56	600	H Δ.....	For 45 read 46.	80	300	log Q....	For 0.01039 read 0.01035.
57	6,600	H Δ.....	For 41 read 42.	81	5,800	H Δ.....	For 43 read 41.
57	9,800	log Q Δ...	For 161 read 162.	81	9,200	H.....	For 0.30014 read 0.30016.
58	13,200	log B'....	For 1.7891 read 1.7892.	81	9,300	H.....	For 0.30053 read 0.30055.
58	13,300	log B' Δ...	For 129 read 128.	82	11,800	A Δ.....	For 573 read 574.
61	7,000	log Q.....	For 0.11680 read 0.11678.	85	5,000	log B'....	For 0.1023 read 0.1029.
61	7,300	log Q Δ...	For 161 read 160.	85	5,700	log Q Δ..	For 221 read 222.
62	10,300	log Q Δ...	For 164 read 163.	85	7,000	log Q Δ..	For 210 read 209.
62	11,900	log Q Δ...	For 167 read 166.	89	5,500	T' Δ.....	For 115 read 114.
62	12,200	log B'....	For 0.16687 read 0.16688.	89	6,300	H.....	For 0.29360 read 0.29368.
63	15,500	A Δ.....	For 948 read 946.	89	9,700	log B'....	For 0.16065 read 0.16055.
63	18,300	H.....	For 0.33175 read 33173.	90	12,500	log B'....	For 0.18961 read 0.19061.
63	18,700	T' Δ.....	For 457 read 247.	90	12,600	log B'....	For 0.18971 read 0.19171.
63	18,900	H.....	For 0.33466 read 0.33456.	91	15,400	H Δ.....	For 40 read 39.

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TABLE II.—Continued.

Page.	Value of Z.	Column.	Correction.
91	15,500	H Δ.....	For 40 read 39.
91	16,200	U Δ.....	For 2.6 read 2.4.
91	18,100	log B′ Δ..	For 11.4 read 11.6.
92	1,100	U.....	For 1211.2 read 1221.2.
92	1,600	log B′ Δ..	For 379 read 279.
92	3,900	A.....	For 0.08675 read 0.08765.
94	11,600	T′ Δ.....	For 150 read 151.
94	12,100	log Q Δ..	For 187 read 197.
94	13,500	log B′ Δ..	For 109 read 108.
95	18,300	H.....	For 0.34160 read 0.34169.
96	1,400	H.....	For 0.26542 read 0.26642.
97	7,500	log Q....	For 0.23828 read 0.23928.
98	10,300	log Q Δ..	For 210 read 211.
98	11,600	log B′....	For 0.18696 read 0.18896.
98	12,300	log Q....	For 0.34255 read 0.34254.
98	12,400	log Q Δ..	For 200 read 202.
99	19,900	T′.....	For 27.952 read 27.982.
100	2,800	log B′ Δ..	For 222 read 219.
100	2,900	log B′....	For 0.09518 read 0.09515.
100	2,900	log B′ Δ..	For 212 read 209.
100	3,000	log B′....	For 0.09720 read 0.09724.
100	3,000	log B′ Δ..	For 203 read 201.
100	3,100	log B′....	For 0.09923 read 0.09925.
100	3,200	log B′....	For 0.10118 read 0.10120.
100	3,200	log B′ Δ..	For 191 read 189.
100	4,100	U.....	For 993.6 read 992.6.
101	8,400	H Δ.....	For 36 read 37.
101	8,900	log Q Δ...	For 231 read 229.
103	19,100	A.....	For 0.84485 read 0.84885.
105	5,100	log B′....	For 0.13580 read 0.13581.
105	5,100	log B′ Δ..	For 119 read 117.
105	6,800	U.....	For 867.9 read 867.0.
105	8,400	log Q Δ...	For 244 read 246.
105	9,400	A Δ.....	For 408 read 409.
106	12,000	U Δ.....	For 3.1 read 3.2.
106	14,200	H Δ.....	For 35 read 33.
107	18,000	A Δ.....	For 752 read 754.
108	3,700	log Q.....	For 0.14579 read 0.14679.
108	4,000	A.....	For 0.07228 read 0.07229.
108	5,000	A.....	For 0.09795 read 0.09793.
109	8,400	log B′....	For 0.17263 read 0.17463.
109	8,500	log B′....	For 0.17356 read 0.17556.
109	8,600	log B′....	For 0.17447 read 0.17647.
109	8,700	log B′....	For 0.17536 read 0.17736.
109	8,800	log B′....	For 0.17623 read 0.17823.
109	8,900	log B′....	For 0.17708 read 0.17908.
111	15,600	H Δ.....	For 35 read 33.
111	16,400	A Δ.....	For 657 read 658.
112	2,800	log Q Δ...	For 409 read 408.
113	9,100	A.....	For 0.22633 read 0.22363.
114	13,200	log B′ Δ..	For 92 read 91.
114	13,500	A.....	For 0.41914 read 0.42014.
114	13,500	log B′ Δ..	For 93 read 92.
115	16,400	A.....	For 0.58806 read 0.58805.
115	16,900	log B′ Δ..	For 101 read 100.
115	19,500	T′.....	For 25.488 read 25.688.
118	14,000	T′ Δ.....	For 155 read 157.
119	18,000	Z.....	For 8000 read 18000.
121	6,100	log B′....	For 0.17167 read 0.17157.
124	500	log B′....	For 0.01907 read 0.01906.
125	9,700	log B′....	For 0.20718 read 0.20778.
126	13,600	log Q.....	For 0.45575 read 0.45675.
126	14,200	H.....	For 0.34483 read 0.34423.
127	18,700	A.....	For 0.68376 read 0.68876.
128	3,800	U Δ.....	For 101 read 111.
129	9,000	log Q Δ...	For 294 read 296.
130	10,800	T′.....	For 10.369 read 10.359.
130	14,600	log B′....	For 0.24962 read 0.24982.
131	18,100	A Δ.....	For 667 read 666.
131	18,900	A Δ.....	For 706 read 705.
133	6,100	log B′....	For 0.18616 read 0.18816.
133	6,600	A Δ.....	For 263 read 262.
133	6,800	log B′ Δ..	For 96 read 95.
133	8,700	T′ Δ.....	For 116 read 118.
134	13,400	A.....	For 0.35356 read 0.35357.
134	14,000	A Δ.....	For 484 read 486.
135	17,900	H.....	For 0.35827 read 0.35927.
135	18,500	U.....	For 537.2 read 537.1.
136	1,900	H.....	For 0.27102 read 0.27202.
136	3,800	H Δ.....	For 117 read 116.
136	3,900	H Δ.....	For 117 read 116.
136	4,100	H.....	For 0.23815 read 0.23816.
136	4,200	H.....	For 0.23930 read 0.23932.
136	4,300	H.....	For 0.30045 read 0.30048.
136	4,400	H.....	For 0.30160 read 0.30164.
136	4,500	H.....	For 0.30276 read 0.30280.
136	4,500	H Δ.....	For 115 read 116.
136	4,600	H.....	For 0.30392 read 0.30396.
136	4,600	H Δ.....	For 115 read 116.
136	4,700	H.....	For 0.30508 read 0.30512.
136	4,800	H.....	For 0.30624 read 0.30627.
136	4,900	H.....	For 0.30740 read 0.30742.
136	5,000	H.....	For 0.30856 read 0.30857.
137	5,000	H.....	For 0.30856 read 0.30857.
137	5,000	H Δ.....	For 116 read 115.
137	7,900	U.....	For 897.5 read 897.4.
137	8,000	U.....	For 893.0 read 892.8.
137	8,100	U.....	For 888.3 read 888.2.
138	14,300	log B′ Δ..	For 75 read 76.
138	14,500	log B′ Δ..	For 76 read 75.
139	19,300	log Q.....	For 0.61669 read 0.61769.
140	1,400	U Δ.....	For 217 read 218.
140	1,500	U Δ.....	For 215 read 214.
140	1,600	U.....	For 1623.1 read 1623.2.
140	1,600	U Δ.....	For 211 read 212.
140	2,100	H.....	For 0.27305 read 0.27405.
140	2,200	H.....	For 0.27423 read 0.27523.
140	2,300	H.....	For 0.27543 read 0.27643.
140	2,400	H.....	For 0.27664 read 0.27764.
140	2,500	H.....	For 0.27786 read 0.27886.
140	2,600	H.....	For 0.27909 read 0.28009.
140	2,700	H.....	For 0.28033 read 0.28133.
140	2,800	H.....	For 0.28157 read 0.28257.
140	2,900	H.....	For 0.28281 read 0.28381.
140	3,000	U.....	For 1339.8 read 1349.8.
140	3,900	log B′....	For 0.14587 read 0.14583.
141	5,800	log Q.....	For 0.24552 read 0.24352.
141	6,200	log Q Δ...	For 404 read 406.
141	6,500	log Q Δ...	For 397 read 396.
143	19,200	H Δ.....	For 29 read 28.
145	5,400	H.....	For 0.31415 read 0.31416.
145	5,400	H Δ.....	For 111 read 110.
145	5,800	H Δ.....	For 102 read 101.
145	5,900	T′.....	For 4.226 read 4.266.
145	6,100	log Q.....	For 0.25724 read 0.25726.
145	6,200	log Q.....	For 0.26142 read 0.26145.
145	6,300	log Q.....	For 0.26558 read 0.26760.
145	6,400	log Q.....	For 0.26971 read 0.26972.
145	7,400	log B′ Δ..	For 95 read 96.
145	7,500	log Q Δ...	For 378 read 377.
146	11,600	H Δ.....	For 28 read 27.
149	8,300	log B′....	For 0.23187 read 0.23087.
149	9,900	H.....	For 0.34798 read 0.34698.
151	15,900	log B′....	For 0.27800 read 0.27990.
159	15,100	log Q.....	For 0.25362 read 0.56362.
161	5,500	log Q.....	For 0.23090 read 0.22990.
163	15,400	U.....	For 661.1 read 661.0.
163	15,400	A.....	For 0.37181 read 0.37081.
163	15,500	A.....	For 0.37649 read 0.37549.
163	15,600	A.....	For 0.38121 read 0.38021.
163	15,700	A.....	For 0.38595 read 0.38495.
163	15,800	A.....	For 0.39075 read 0.38975.
163	15,900	A.....	For 0.39557 read 0.39457.
166	11,900	T′.....	For 10.339 read 10.389.
169	9,900	T′ Δ.....	For 117 read 116.
171	16,400	log Q Δ..	For 263 read 265.
171	16,500	log Q Δ..	For 265 read 263.
172	700	U Δ.....	For 271 read 272.
172	4,300	log B′ Δ..	For 374 read 373.
172	4,900	log B′ Δ..	For 364 read 365.
173	6,900	log Q.....	For 0.28289 read 29289.
173	8,400	H.....	For 0.34826 read 0.34836.
174	11,100	U.....	For 829.9 read 829.8.
175	16,400	T′.....	For 16.382 read 16.372.
175	19,200	log B′....	For 0.32361 read 0.32261.
175	19,200	log B′ Δ..	For 72 read 71.
193	7,800	A Δ.....	For 165 read 166.
195	17,600	log Q.....	For 0.70208 read 0.70408.
200	3,900	A.....	For 0.01930 read 0.01931.
214	10,300	H Δ.....	For 119 read 118.
214	10,600	H Δ.....	For 112 read 113.
215	18,600	A.....	For 0.32579 read 0.32578.
218	14,100	log B′ Δ..	For 23 read 24.
220	2,800	log B′ Δ..	For 344 read 343.
220	3,900	U.....	For 2247.3 read 2249.3.
220	4,800	log Q.....	For 0.16725 read 0.16728.
224	4,400	A.....	For 0.01530 read 0.01540.

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INTRODUCTION TO ARTILLERY CIRCULAR M, REVISED.

This circular contains complete ballistic tables with which may be computed the values of the quantities pertaining to the motion of a projectile when sufficient data are given to make the problem mathematically determinate. The fundamental hypothesis upon which they are based is that the ratio of the retardations of any two *different* projectiles moving at the *same speed is independent of the velocity*, assuming air conditions, as barometer, wind, etc., the same. Then, taking as standard the retardation of some particular projectile, the retardation of any other projectile may be found by dividing the standard value by a constant. This constant is called the ballistic coefficient and is denoted by C. The ratio of the retardation of a (nonstandard shaped) projectile to that of one of the same weight and diameter but standard shape is called the coefficient of form. Assuming the fundamental hypothesis to be correct, the chief problems of exterior ballistics are three:

(1) To find experimentally the retardation, R, of the standard projectile as a function of the projectile's velocity.

(2) To compute tables with the data given by (1), from which may be found any desired ballistic quantity, as range, time of flight, etc., knowing a sufficient number of the other variables to make the problem determinate.

(3) To determine, by theory and experiment combined, the best value of C to use for each projectile under any conditions of firing. Owing to the inaccuracy of our original hypothesis, to the variations in air density caused by changes in temperature and barometer and by change of altitude, and to the insufficiency of our mathematical methods (which necessitate the introduction of an integrating factor) this ballistic coefficient C is very difficult to determine. The same projectile will have different values of C for different trajectories if computations are to agree with measurements.

The experimental firings upon which our tables are based were made by Krupp at Meppen in 1881. From these firings Gen. Mayevski formulated laws of air resistance, which were later extended by Col. Zaboudski to higher velocities. These laws, reduced to English units by Col. Ingalls, are expressed by the following equations, in which R is the retardation of the standard projectile in feet

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per second. R divided by the proper C gives the retardation, r, of any other projectile:

$$R = Cr = (7.6090480 - 10)v^{1.55}, \quad 3{,}600 > v > 2{,}600 f.s.$$

$$R = Cr = (7.0961978 - 10)v^{1.7}, \quad 2{,}600 > v > 1{,}800 f.s.$$

$$R = Cr = (6.1192596 - 10)v^{2}, \quad 1{,}800 > v > 1{,}370 f.s.$$

$$R = Cr = (2.9809023 - 10)v^{3}, \quad 1{,}370 > v > 1{,}230 f.s.$$

$$R = Cr = (6.8018712 - 20)v^{5}, \quad 1{,}230 > v > 970 f.s.$$

$$R = Cr = (2.7734430 - 10)v^{3}, \quad 970 > v > 790 f.s.$$

$$R = Cr = (5.6698914 - 10)v^{2}, \quad 790 > v > 0 f.s.$$

Col. Siacci succeeded in reducing these discontinuous functions to the following empirical formula (reduced to English units by Col. Ingalls), which gives the retardation for any velocity within the above limits:

$$R = Cr = \left\{0.284746\, v - 224.221 + \sqrt{(0.234396\, v - 223.754)^2 + 209.043} + \frac{0.019161\, v(v - 984.261)}{371 + \left(\frac{v}{656.174}\right)^{10}}\right\} \times 0.896$$

When 0.896 is taken as the coefficient of form of Siacci's projectile compared to Mayevski's, this single formula gives results for the entire range of velocities up to 3,600 foot-seconds that check well with experiment and with Mayevski's discontinuous formulæ.

The tables first used by United States Artillery officers were computed by Col. Ingalls in 1884 from a discussion of Bashforth's coefficients, which were based on experiments made in England between 1865 and 1880 with projectiles now long obsolete. The present tables take as standard a projectile of about three calibers length with an ogival head of radius two calibers. Just as Bashforth's projectiles were superseded by Mayevski's 2-caliber ogive projectiles, so are the latter being replaced by long-pointed and boat-tailed projectiles, the radii of whose ogives are seven calibers or more. Consequently, judging from the replacement of tables based on Bashforth's coefficients by these based on Mayevski's formulæ, the time is ripe for a new series of experiments and new tables based thereon. The present revision of the tables was made in 1917 under the direction of the Ordnance Board at the Sandy Hook Proving Grounds.

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TABLE I.

TABLE I was computed by Col. Ingalls from his formulas based upon the Krupp firings already referred to. It gives the values of the space, altitude, inclination, and time functions with the velocity (real or pseudo) as the argument. The table extends from 3,600 to 100 foot-seconds, with intervals so small as to admit of accurate interpolation with first differences only, except for the altitude and inclination functions in the latter part of the table where second differences are necessary for accurate work. These functions were computed by the formulas given on pages 245–247 of Col. Ingall's Handbook of Problems in Exterior Ballistics (Artillery Circular N), using seven decimal logarithms, thereby insuring the correctness of the last figure.

The space function S tabulated opposite a velocity V is the actual distance in feet that would have been traversed by the standard projectile while its speed fell from 3,600 foot-seconds to V foot-seconds if it had been projected horizontally with an initial velocity of 3,600 foot-seconds and *if its path had remained horizontal throughout.* The deviation of the path from the horizontal is allowed for by making use of Siacci's pseudo velocity u in entering the table instead of the actual velocity V. The other functions are similarly computed for special conditions and applied to practical cases by the use of proper formulæ. Their derivation and use are fully described in Artillery Circular N, and most standard works on exterior ballistics.

TABLE II.

TABLE I is sufficient for the accurate solution of the most important problems of gunnery. But some of the solutions with Table I are indirect and tentative, and therefore very laborious. To obviate this, TABLE II was computed from Table I by Col. Ingalls in order to present the necessary information in a form suitable for rapid solution of practical problems. It consists of 50 separate tables computed for as many different muzzle velocities, ranging from 825 to 3,600 foot-seconds. In them are tabulated the so-called secondary functions against the space function as argument. Since two functions, velocity and one other, must be known to enter Table II, it is called a double-entry table and unless the increments of velocity between the component tables are small so that calculations for intermediate values need seldom be made, the labor of using it is very large. These secondary functions, first suggested by Braccialini in 1883, were developed by Col. Ingalls and by him brought to a high degree of practical usefulness. Ingall's tables were first published in Supplement to Artillery Circular F in 1893.

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After many years of service rendered by this table, however, some of his original functions have proved to be seldom useful and several changes have appeared desirable. Therefore, in this new edition five of the functions originally tabulated have been omitted and two new ones inserted. For the benefit of those familiar with the old tables the following résumé of the changes and the reasons therefor is presented.

Z has been extended to 20,000 in all tables and one decimal place has been added to u and logarithm B' in tables for $V > 1{,}300$ in order to meet the present needs more fully. The four tables for $V = 3{,}300$, 3,400, 3,500, and 3,600 foot-seconds, computed by C. A. Junken and published in supplement to the old Circular M, are included and five new ones have been computed for $V = 2{,}050$, 2,150, 2,250, 2,350, and 2,450 foot-seconds. These additional tables facilitate calculations with the higher velocities now in use.

A', A'' have been replaced by a new function H, suggested by Col. Hamilton, Coast Artillery Corps, which was computed from Ingalls' values of A'. This simplifies the computation of the maximum ordinate and danger range. Logarithm C' is omitted and its functions are served by the new function logarithm Q. The advantage of the substitution is that Q is a more slowly changing function of V and hence its use facilitates interpolation for odd velocities.

The B function, being easily found from the relation $B = AB'$ and being seldom used, is omitted. D' is also left out because it relates to a drift formula now obsolete. The table is arranged so that the fewest possible pages have to be turned in making computations for any one gun. The intervals of velocity between tables are made small to minimize cross interpolation. With this end in view also the most slowly varying functions obtainable have been tabulated. For example, logarithm Q was tabulated in preference to Q itself.

TABLE IIA.

This is a new table computed by Col. Hamilton, assuming air resistance proportional to the square of the velocity and taking the same air resistance ratio chosen by Col. Ingalls for the first part of the old Table II for the range $V = 0$ to $V = 825$ feet per second.

$$Cr = [5.669891 - 10]\, v^2$$

It is intended to replace the first part of the old Table II and all of the old Tables III and IV. The functions tabulated in it are, in so far as practicable, the same as in Table II, thus reducing the necessary formulæ to a minimum. The only practical use of muzzle velocities below 800 foot-seconds at the present time is to secure a high angle of fall at moderate ranges. The table is therefore especially intended for high-angle fire.

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TABLES III TO X.

TABLE III gives the ratio of air density under standard conditions (δ_1) to that under any other conditions of temperature and pressure (δ). This ratio, $\frac{\delta_1}{\delta}$, enters as a factor in the value of C, it being assumed to represent the ratio of the retardations experienced by the same projectile under actual and standard atmospheric conditions, respectively. As a matter of fact, the variation of sound velocity with air temperature causes a change in the shape of the air-resistance curve, so that the ratio of retardations for the two conditions of the atmosphere depends somewhat on the velocity of the projectile.

TABLE IV gives the function D_w for computing wind deflections for initial velocities from 0 to 3,600 foot-seconds.

TABLE V enables the penetration of Krupp cemented armor by capped projectiles to be calculated. An example will best show its use:

To find the penetration of a vertical plate of K. C. armor by the 14-inch capped projectile at 12,000 yards:

The range table for this gun (M. V. = 2,250 foot-seconds) gives $V\omega = 1{,}604$ foot-seconds at 12,000 yards. From Table V, $P_v = 1.18$. $W = 1{,}660$ pounds and $d = 14$ inches. Hence $\frac{t}{d} = (1.18)\ \frac{1660}{(14)^3} = 0.918$, whence $t = 14\ (0.918) = 12.8$ inches penetration at normal impact. The angle of incidence is $\omega = 10.°6$, whence 1 per cent must be subtracted from the normal impact perforation. Therefore, the projectile is able to just pierce a plate 12.7 inches thick. This does not mean, however, that it would penetrate 12 inches into a 15-inch plate, as the thicker plate would probably shatter the projectile.

TABLE VI gives the probable value of the coefficient of form of ogival headed projectiles computed on the theory (derived from experiments) that the retardation of projectiles of the same weight and diameter is proportioned to the mean sine of the angle between the tangent to the ogive and the axis.

TABLE VII gives the empirical relation derived by Col. Hamilton connecting powder temperature and muzzle velocity. It may be applied to velocities outside the range given (2,000–2,500) with good results.

TABLE VIII is a probability table which is useful in all problems of accuracy of fire if the mean error of the gun is known. The width of the 50 per cent zone is 1.69 times the mean (numerical average) error and is defined as the width of a zone of indefinite length (whose sides are right lines equally spaced on either side of the center of impact) that may be expected to contain one-half of all the points of impact.

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TABLE IX gives the curvature of the earth for ranges up to 36,000 yards. The correction to range on this account is small, and with the flattest trajectories does not exceed 1 per cent. For example, consider the 2,400-pound 16-inch projectile and suppose the muzzle velocity is 2,700 foot-seconds. The following table summarizes the results:

Range on a plane.....yards..	11,000	19,000	26,000	45,000
Increase in range due to curvature of earth. yards..	80	111	123	142
	° ′	° ′	° ′	° ′
Approximate angle of fall.....	6 0	13 24	21 32	46 50
Decrease in ω due to curvature of earth.....	6	10	14	22

TABLE X gives data for determining the altitude factor, f_a. This table is due to Col. Hamilton. The mean height must be used in entering this table to find the value of f_a for any complete trajectory. For flat trajectories the mean height is two-thirds of the maximum. The approximate mean height h, considered as a function of the length of arc, is given by the following table taken from Hamilton's article in Journal United States Artillery, vol. 24, No. 1.

$\frac{1}{2}(\phi°+\omega°)$	$\frac{h}{y_0}$	$\frac{1}{2}(\phi°+\omega°)$	$\frac{h}{y_0}$
°		°	
1	0.667	50	0.625
10	.665	60	.600
20	.661	70	.567
30	.654	80	.528
40	.642	90	.500

These values were computed for the quadratic law of air resistance.

THE BALLISTIC COEFFICIENT.

The complete expression for C is:

$$C = \frac{\delta_1}{\delta} f_w f_a \frac{w}{\beta i d^2}$$

Considering the factors in turn:

$\frac{w}{d^2}$, $= C_o$, = weight of the projectile divided by the square of its diameter, evidently measures the power of the projectile to cleave the air. This is the fundamental factor of C, the others being merely corrections to take account of abnormal conditions.

$\frac{\delta_1}{\delta}$, = ratio of normal to actual air density at the gun, is given in Table III. This is taken as the inverse ratio of the retardations

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experienced by the moving projectile under normal and actual atmospheric conditions, respectively.

$f_w = 1 \pm \frac{2 W_x T^{5/4}}{X}$, is the wind factor which corrects for a wind component of W_x miles per hour in the plane of fire. The credit for this convenient method of wind range correction is due to Col. Hamilton. The sign to be used in the expression is determined by the consideration that for a helping wind $f_w > 1$ and for an opposing wind < 1. This factor allows for the probable increase of wind velocity with altitude. For very flat trajectories ($y_o < 200$ feet) a better expression is $f_w = 1 \pm \frac{3 W_x T}{X}$.

f_a is the altitude factor, which allows for the reduction of air density at the mean height of the trajectory below the density at the gun (Table X). The correction may be very considerable in high-angle firing.

$\beta = \sqrt{\text{sec. } \phi}$ is the integrating factor which is intended to compensate for the error introduced by the approximation involved in Siacci's method. This error comes from the assumption that $\frac{\cos.^{n-2}\phi}{\cos.^{n-1}\theta}$ (n is Mayevski's exponent) is unity, which is made in integration. This error is negligible when $\phi < 10°$, considering the other inaccuracies present, but becomes appreciable at greater angles. The best value of β to use is different according to whether it is desired to compute X, T, y_o, or some other function with precision, so that a compromise must be made and the choice of $\sqrt{\text{sec. } \phi}$ as the best value is based on a comprehensive view of the situation.

i is the coefficient of form (Table VI) which corrects for a departure of the form of the projectile from the standard shape. This factor has been denoted by c, but is here called i to prevent confusion with C and also to conform to the usage of the Navy. The application of air-resistance laws derived from experiments on one form of projectile to the calculation of the flight of another form is but an approximation and hence the departure of i for service projectiles from unity indicates the degree of obsolescence of the tables. For modern (1916) long-pointed projectiles the coefficient of form is about 0.6.

Another factor is sometimes put in the denominator of the expression for C, called the "reducing factor," which is intended to allow for the deviation of the axis of the projectile from the tangent to the trajectory and for varying ratios of d^3 to w. It is really a factor to reconcile theory with observation and may be omitted in the absence of experimental data. It is denoted by γ.

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DEFINITIONS OF SYMBOLS.

w = weight of projectile in pounds.

d = diameter of projectile in inches.

g = acceleration due to gravity, taken as 32.16 feet per second.^{2}

$C_o = \frac{w}{d^2}$ = uncorrected ballistic coefficient in weight per unit of projected area.

β, i, $\frac{\delta_1}{\delta}$, f_a, f_w are numerical factors each normally equal to unity which are used to correct C_o for abnormal conditions. They are discussed in the preceding paragraphs.

$C = f_a f_w \frac{\delta_1}{\delta} \frac{C_o}{i\beta}$ = corrected ballistic coefficient.

ϵ = angle of position or angle of site.

W_x = wind component in plane of fire in miles per hour.

W_z = wind component across plane of fire in miles per hour.

ϕ { = angle of departure.
= angle of elevation + angle of jump.

θ = angle of inclination of the tangent to the trajectory to the horizontal (+ on the ascent, − on the descent).

ω = absolute value of angle of fall.

x = horizontal distance in feet.

y = vertical distance or altitude in feet.

t = time in seconds.

v = velocity in feet per second.

V = initial velocity in feet per second.

u, = pseudo velocity in feet per second, is of such magnitude that if laid off on a line parallel to the initial velocity V, its horizontal projection equals the horizontal projection of the actual, velocity v.

z, $= \frac{x}{C}$ = horizontal range in feet for the standard projectile ($C=1$) is the argument of Table II.

S_u, A_u, I_u, and T_u or $S(u)$, $A(u)$, etc., are the space, altitude, inclination and time functions (primary functions) of Table I.

A, H, B', U, T', and Q are the secondary functions of Table II for the particular initial velocity V and value of Z under which they are tabulated, which are defined by the succeeding formulas.

$\frac{AV^2}{700^2}$, H, B', $\frac{V}{u}$, N, Q, and $\frac{x_o}{X}$ are the corresponding functions of Table IIA, which are similarly defined hereafter.

In general, characteristics of the point of fall are distinguished by capital letters, as X, V_ω, T, etc., and characteristics of the summit by the subscript o, as x_o, y_o, v_o, etc.

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BALLISTIC COEFFICIENT FORMULAS.

$$C_o = \frac{w}{d^2} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (1)$$

$$C = \frac{\delta_1}{\delta} f_w f_a \frac{C_o}{\beta i} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (2)$$

$$\beta = \sqrt{\sec\varphi} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (3)$$

$$f_w = 1 \pm \frac{2 W_x T^{5/4}}{X} \quad (+\text{with favorable wind}, -\text{with opposing wind}) \quad (4)$$

$$\log. f_a = y_o \times 10^{-5} \text{ (approximate)} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (5)$$

FORMULAS TO BE USED WITH TABLE I.

$$x = C\,(S_u - S_v) \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (6)$$

$$\frac{y}{x} = \tan.\,\varphi - \frac{C}{2\cos.^2\varphi}\left[\left(\frac{A_u - A_v}{S_u - S_v}\right) - I_v\right] \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (7)$$

$$\tan.\,\theta = \tan.\,\varphi - \frac{C}{2\cos.^2\varphi}(I_u - I_v) \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (8)$$

$$t = C \sec.\,\varphi\,(T_u - T_v) \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (9)$$

$$v = u \cos.\,\varphi \sec.\,\theta \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (10)$$

$$y_o = 4.05\ T^2 \text{ (approximate)} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (11)$$

FORMULAS TO BE USED WITH TABLE IIA.

$$x = Cz \quad . \quad (12)$$

$$A = \left(\frac{700}{V}\right)^2\left(\frac{AV^2}{700^2}\right) \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (13)$$

$$\sin.\,2\varphi = AC \quad . \quad (14)$$

$$\tan.\,\omega = B'\tan.\,\varphi,\ \log. B' = \log.\left(\frac{\tan.\,\omega}{\tan.\,\varphi}\right) \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (15)$$

$$y_o = HX \tan.\,\varphi \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (16)$$

$$\log. u = \log. V - \log.\frac{V}{u} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (17)$$

$$v = u \cos.\,\varphi \sec.\,\theta \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (10)$$

$$t = \frac{C z N \sec.\,\varphi}{V} = \frac{Nx\sec.\,\varphi}{V} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (18)$$

$$Q = \frac{V^2 \sin.\,2\varphi}{gX} \quad . \quad (19)$$

$$x_o = \left(\frac{x_o}{X}\right)X \quad . \quad (20)$$

$$y = \frac{\tan.\,\varphi}{A}(A - a)x \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (21)$$

$$\tan.\,\theta = \frac{\tan.\,\varphi}{A}[A - a(1 + b')] \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (22)$$

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FORMULAS TO BE USED WITH TABLE II.

$$x = Cz \quad . \quad . \quad .

DIFFERENTIAL FORMULAS.

The change of initial velocity caused by a small variation in weight of projectile for a fixed powder charge is given by—

$$\frac{\triangle V}{V} = -m\frac{\triangle w}{w} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (27)$$

The quantity m lies between 0.20 and 0.40 for service conditions, the average value being 0.30. If m were 0.5 the muzzle energy would be unchanged by a small change in w.

For computations where $V<825$ foot-seconds (Table IIA) the following formula (Hamilton's) gives the variations of range caused by small changes in V, φ and C:

$$\frac{\triangle X}{X} = 2L\frac{\triangle V}{V} + (L\cot\varphi - \frac{1+L}{2}\tan\varphi)\frac{\triangle\varphi}{3438} + (1-L)\frac{\triangle C}{C} \quad . \quad . \quad (28)$$

$$\text{where } L = \frac{1}{B'} = \frac{\tan\varphi}{\tan\omega} \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (29)$$

In (28), $\triangle\varphi$ should be taken in *minutes*.

For example, take the case of the 4.″7 Panama howitzer, M. V. = 800 foot-seconds, $w = 60$ pounds. At a range of 2,500 yards, we have $C = 2.679$, $\varphi = 12°25$, whence $Z = \frac{X}{C} = 2{,}800$, and colog. L = log. $B' = 0.0379$, $L = 0.9164$. What will be the change in range, when $V = 815$, $\varphi = 12°30'$? We have:

$$\triangle V = +15,\ \triangle\varphi = +5',\ \triangle C = 0.$$

$$\frac{\triangle X}{X} = 2(.916)\frac{15}{800} + \left(\frac{0.9164}{0.2202} - \frac{1.9164}{2}(0.2202)\right)\frac{5}{3438} + 0,$$

and $\triangle X = (2{,}500)\ (0.0344 + 0.00575) = 86 + 14.4 = 100$ yards increase. The change due to the increase of 5 min. in φ caused an increase in range of 14.4 yards. The range table gives φ for 2,600 yards as 13°0′, hence the expected increase in range due to 5 minutes increase of φ is $\frac{5'}{35'}\ (100) = \frac{100}{7} = 14.3$ yards, agreeing with the 14.4 yards found above.

When $V>825$ foot-seconds (Table II) (28) should be replaced by the following Ingalls' formula:

$$\frac{\triangle X}{X} = -L\frac{\triangle A_v}{A} + \frac{L}{1719}\frac{\triangle\varphi}{\tan 2\varphi} + (1-L)\frac{\triangle C}{C} \quad . \quad . \quad . \quad . \quad (30)$$

Here L is given by (29), $\triangle A_v$ is the increment in A caused by a change of $\triangle V$ in V, $\triangle\varphi$ as in (28) is the increment of φ in minutes of arc, and $\frac{\triangle C}{C}$ is the per cent change in C caused by atmospheric conditions or change in weight of projectile.

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For example, take the 14-inch gun, M. V. 2,250 foot-seconds, $w = 1{,}660$ pounds, $C = 13.444$.

When $X = 12{,}000$ yards, $\varphi = 8° 27'.6$, and $Z = \frac{X}{C} = 2{,}680$.

In Table II for $V = 2{,}250$, $Z = 2{,}680$, we find $A = 0.02162$ and $\log B' = 0.10005$, whence $L = 0.7942$. If the M. V. were reduced to 2,220 foot-seconds and the weight of projectile to 1,600 pounds, how much increase in φ would have to be made to get the same range? We have $\triangle X = 0$, $\frac{\triangle C}{C} = \frac{60}{1{,}660}$. From Table II, $V = 2{,}200$ foot-seconds, we find $A = 0.02267$ for $Z = 2{,}680$, so that if $\triangle V$ were -50 foot-seconds, $\triangle A_v$ would be $0.02267 - 0.02162 = +0.00105$. Therefore, for $\triangle V = -30$, $\triangle A_v = 3/5\ (0.00105) = +0.00063$.

Substituting in (29)—

$$0 = -0.794\left(\frac{63}{2{,}162}\right) + \frac{0.794\triangle\varphi}{1719 \tan 16°55'.2} - (1 - 0.7942)\frac{60}{1{,}660}$$

$$0.00152\triangle\varphi = 0.0231 + 0.0074 \text{ and}$$

$$\triangle\varphi = \frac{0.0305}{0.00152} = 20'.1 \text{ increase.—}\textit{Answer.}$$

Height of target.

To find the angle of departure φ necessary to hit a point situated at an angle of $\epsilon°$ above the horizontal through the gun, the following formulas (due to Col. Ingalls) should be used:

$$\sin(2\varphi - \epsilon) = \sin\epsilon(1 + \cot\epsilon \sin 2\phi_x) \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad . \quad (31)$$

φ_x is the angle of departure necessary to hit a point vertically below the target, on the level of the gun. Knowing the range to the target, one computes φ_x in the usual manner, then substitutes the values of φ_x and ϵ in (31) and solves for φ.

EXAMPLES OF THE USE OF THE TABLES.

1. To find the quantities usually tabulated in a range table for a given gun: The first step in computing a range table is to determine C for standard atmospheric conditions as a function of the range, from actual firings.

This $C = \frac{wf_a}{\beta i d^2}$, and is the complete ballistic coefficient for standard conditions, since $\frac{\delta_1}{\delta}$ and f_w are then unity.

Take the 6-inch gun, M. V. = 2,600 foot-seconds, firing a 108-pound long-pointed projectile.

We will take $C = 4.894$ and calculate the quantities pertaining to a range of 10,000 yards. Ordinarily 5-place logarithms would be used, but a slide rule will be used in these computations. The steps in the work are as follows:

Compute from (12), $Z = \frac{X}{C} = \frac{3(10{,}000)}{4.894} = 6130$.

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In Table II for V = 2,600, $Z = 6{,}130$, find the secondary functions:

$A = 0.05212$ $U = 1{,}198.1$ and
$H = 0.32326$ $T' = 3.557$ $B' = 1.6776$

log. $B' = 0.22468$ log. $Q = 0.25219$ $L = \frac{1}{B'} = 0.5961$

The angle of departure is given by (14):

$$\sin 2\varphi = (0.05212)\ (4.8940) = 0.2551, \text{ whence } \varphi = 7^\circ\ 23'.$$

The characteristics of the point of fall are given by—

(15) $\tan \omega = B' \tan \varphi = 1.6776 \tan 7^\circ\ 23' = 0.2174$ whence $\omega = 12^\circ\ 16' =$ angle of fall.

(10) $V_\omega = U \cos \varphi \sec \omega = (1{,}198.1)\ (0.9917)\ (1.0234) = 1{,}215$ foot-seconds = striking velocity.

(23) $T = CT' \sec \varphi = (4.8940)\ (3.557)\ (1.0084) = 17.55$ secs. = time of flight.

The maximum ordinate is given by (16):

$$y_o = HX \tan \varphi = (0.32326)\ (30{,}000)\ (0.1296) = 1{,}257 \text{ feet.}$$

The drift is given by (24):

Taking $K = 0.75$, drift $= 0.25 \frac{(6)^3}{108(25)}\ (7^\circ.4 + 12^\circ.3)\ (1.008) = 0^\circ.4$ or $(0.4)\left(\frac{\pi}{180}\right) 10{,}000 = 70$ yards to the right.

The danger space for a target 20 feet high is given by (25):

$$\Delta X = \frac{20}{.2174}\left(1 + \frac{20}{0.217(30{,}000)}\right) = 92.0\ (1.003) = 92.2 \text{ feet} = 30.7 \text{ yards.}$$

Therefore, if the gun were aimed at the water line of a vertical target 20 feet high an "over" in range of not more than 31 yards would be permissible.

To compute the errors in range caused by variation of the elements of fire use (30):

$$\frac{\Delta X}{X} = -L\frac{\Delta A_v}{A} + \frac{L}{1719}\frac{\Delta \varphi}{\tan 2\varphi} + (1-L)\frac{\Delta C}{C} \quad (30)$$

To find ΔA_v, look in Table II: $V = 2{,}500$ and $V = 2{,}700$. Find the two A's for $Z = 6{,}130$, and subtract from the A already found for $V = 2{,}600$, obtaining the change in A caused by a change of 100 foot-seconds in V.

For $V = 2{,}500$ we find $A = 0.05671$ and for $V = 2{,}700$, $A = 0.04803$.

Hence if $\Delta V = +100$, $\Delta A = 0.4803 - 0.05212 = -0.00409$ and if $\Delta V = -100$, $\Delta A = 0.05671 - 0.05212 = +0.00459$.

Therefore the mean value of $\frac{\Delta A_v}{A}$ is $-\frac{0.00433}{0.05212}\frac{\Delta V}{100} = -0.000831\ \Delta V$.

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Substituting known values in (30):

$$\frac{\Delta X}{X} = -0.596(-0.000831\ \Delta V) + \frac{0.596}{1{,}719}\frac{\Delta\varphi}{\tan 14°46'} + (1-0.5961)\frac{\Delta C}{C}.$$

$$\frac{\Delta X}{X} = +0.00050\ \Delta V + 0.00132\ \Delta\varphi + 0.404\frac{\Delta C}{C}$$

In words, at a range of 10,000 yards:

An increase of 10 foot-seconds in V would cause an increase in range of 0.50 per cent or 50 yards.

An increase of 10 minutes in φ would cause an increase in range of 1.32 per cent or 132 yards.

An increase of 1 per cent in C would cause an increase in range of 0.404 per cent or 40.4 yards.

The effect of wind may be found from (4) and (26).

From (4), with a 10-mile component in the plane of fire:

$$f_w = 1 \pm \frac{2(10)(17.55)^{5/4}}{30{,}000} = 1 + 0.0240$$

Therefore a 10-mile head wind would cause a decrease in C of 2.40 per cent and a corresponding decrease in range of $(40.4) \times 2.40 = 97$ yards.

From (26) the deflection produced by a 10-mile wind at right angles to the plane of fire is:

$$\frac{10\ D_w}{(2{,}600)\ (0.9917)}\ (6, 130) = 23.8\ D_w$$

In Table IV for V = 2,600, $Z = 6{,}130$, we find $D_w = 0.0070°$, so that the wind deflection for a 10-mile cross wind blowing to the left is $(23.8)\ (0.0070) = 0.167°$ left.

2. A second typical problem is to compute the value of C from actual firing records. Take the following data obtained at the Sandy Hook Proving Grounds in firing a special projectile with a wind shield of nine calibers ogive in the 12-inch gun.

Elevation = 15° 0′.	$V = 2{,}469$ foot-seconds.
Jump, estimated, = −5′.	$T = 35.23$ seconds.
Range = 19,887 yards.	*Wt.* of shell = 900 pounds.

These are the mean results for five rounds fired on the same day.

To find C one proceeds as follows:

Compute Q from formula (19).

$$Q = \frac{(2{,}469)^2 \sin 29°\ 50'}{(32.16)\ (3)\ (19{,}887)} = 1.5805, \text{ log. } Q = 0.19880.$$

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In Table II, for $V=2{,}450$ and $V=2{,}500$ find the Z corresponding to this value of log. Q. Result:

$V=2{,}450$, $Z=4{,}918$.
$V=2{,}500$, $Z=4{,}943$.

Whence, by interpolation, Z (for $V=2{,}469$) is 4,927.

C is then given by (12) and is equal to $\frac{X}{Z}=\frac{3(19{,}887)}{4{,}927}=12.11$.

For this Z, $T'=2.772$. Hence the theoretical time of flight is

$$T=CT' \text{ sec. } \varphi=(12.11)\ (2.772)\ (1.0349)=34.73 \text{ secs.}$$

The next step is to analyze this value of C and compare the value of i with the theoretical value given in Table V.

The observed atmospheric conditions at the time of firing were:

Barometer, 30″.15.
Temperature, 49° F.

Wind 20 miles per hour, blowing from a point 30° to the right of the plane of fire.

In Table III for bar. $=30''.15$, $t=49°$, $\frac{\delta_1}{\delta}$ is found to be 0.961.

From (4) $f_w=1-\frac{2(20 \cos 30°)\ (35.23)^5/^4}{3(19{,}887)}=0.950$.

Hence the range table value of C should be $\frac{12.11}{(0.950)\ (0.961)}=13.26$.

To obtain the value of i this value must be divided by $\frac{\beta}{f_a}\left(\frac{w}{d^2}\right)$.

The maximum ordinate of the trajectory is found from (16).

In Table II, for $V=2{,}469$, $Z=4{,}927$, we find $H=0.30777$.

Hence $y_o=(0.30777)\ (3)\ (19{,}887)\ (\tan 14°\ 55')=4{,}890$ feet.

Here $\frac{1}{2}\ (\varphi+\omega)=\frac{1}{2}\ (15°+22°)=18°.5$, hence the mean height of the trajectory is 0.662 y_o or 3,240 feet. In Table X, for $h=3{,}240$ feet, f_a is found to be 1.102.

$\beta=\sqrt{\text{sec. } \varphi}=1.017$ from (3).

Hence $\frac{w}{id^2}=\left(\frac{13.26}{1.102}\right)(1.017)=12.24$ and

$$i=\frac{900}{12.24(12)^2}=0.51=\text{coefficient of form.}$$

Table VI gives $i=0.46$. The principal error in this computation of i from experiment lies in the values of f_a and f_w, since the condition of the upper atmosphere is unknown. The value of f_a is for average surface temperature and the wind is assumed to be in the same direction at all altitudes and of a velocity increasing with the height. If i had been taken as 0.46, and the other factors as before, and the range computed, the error in range would have been about 680 yards.

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3. Computation of the range from theoretical considerations alone; for a given muzzle velocity, projectile, and angle of departure.

Take as example the 12-inch gun and assume $V=2{,}361$ foot-seconds, $\varphi=12^\circ\ 23'$.

First compute C from (2) taking $\frac{\delta_1}{\delta}$ and f_w as unity. The weight of projectile is 1,070 pounds and the value of i is 0.63.

$$C=f_a\frac{1{,}070}{(0.63)\ (144)\ \sqrt{\text{sec. } 12^\circ\ 23'}}=11.58\,f_a.$$

f_a is unknown until y_o is found, so a process of successive approximation must be used:

Compute $A=\frac{\sin 2\varphi}{C}=\frac{\sin\ 24^\circ\ 46'}{11.58}=0.03618$. In Table II for

$V=2{,}350$, $A=0.03618$, we find $Z=4{,}212$.
$V=2{,}400$, $A=0.03618$, we find $Z=4{,}345$.

and so for $V=2{,}361$, $A=0.03618$, Z is 4,241.

For $Z=4{,}241$, $V=2{,}361$, H is 0.2993.

$X=CZ=(11.58)\ (4{,}241)=49{,}100$ feet and $y_o=HX\tan\varphi$,
$=(0.2993)\ (49{,}100)\ \tan\ 12^\circ\ 23'=3{,}228$ feet, whence f_a corresponding to $h=0.663\ y_o=2{,}140$ feet, is 1.066.

Therefore the corrected value of C is $(11.58)\ (1.066)=12.35$.

Repeating the process with this new value of C:

$A=\frac{0.03618}{1.066}=0.03393$ and Z for this value of A (and $V=2{,}361$) is $Z=4{,}055$. Hence $X=4{,}055\ (12.35)=50{,}080$ feet $=16{,}693$ yards. H for $Z=4{,}055$, $V=2{,}361$, is 0.2969.

Therefore corrected $y_o=(0.2969)\ (50{,}080)\ \tan\ 12^\circ\ 23'=3{,}266$ feet; mean height $=h=0.663\ (3{,}266)=2{,}166$ feet, and $f_a=1.067$.

A third computation could be carried through. In practice, of course, one estimates f_a beforehand and usually the estimation is close enough to the computed value to make the second approximation exact.

Twenty-six rounds were fired at the proving grounds in September, 1917, with a quadrant elevation of 12° 28′. The jump was approximately −5 min. The mean of the ranges corrected individually for atmospheric conditions and variations in muzzle velocity was 16,670 yards, only 23 yards less than the computed range.

4. If it is desired to find the height of a projectile above the ground at any distance from the gun, formulas (21) and (22) are to be used. For example, suppose it is desired to compute ordinates 500 yards apart for a 2,000 yards trajectory of the United States magazine rifle and to locate the summit, given $V=2{,}700$ foot-seconds, $C=0.3894$.

$$Z=\frac{X}{C}=\frac{6{,}000}{0.3894}=15{,}410.$$

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For the intermediate points at 500, 1,000, and 1,500 yards, the z's are $\frac{1}{4}$, $\frac{1}{2}$, and $\frac{3}{4}$ of Z, respectively. In Table II, $V=2{,}700$ foot-seconds, find a, corresponding to each Z. Results:

$z=3{,}852$	$a=0.02378$
$z=7{,}705$	$a=0.07202$
$z=11{,}557$	$a=0.15971$
$Z=15{,}410$	$A=0.28947$

From (14), $\sin 2\varphi=AC=(0.28947)\ (0.3894)=0.1127$, and $\phi=3°14'$.

Therefore $\tan\varphi=0.05649$, and substituting in (21)—

$$y=\frac{\tan\varphi}{A}(A-a)x=\frac{0.05649}{0.28947}(0.28947-a)x.$$

To find the height at any distance x, substitute numerical values for a and x, finding:

$x=1{,}500$	$y=77.8$ feet.
$x=3{,}000$	$y=127.4$ feet.
$x=4{,}500$	$y=114.0$ feet.
$X=6{,}000$	$Y=0$ feet.

The coordinates of the summit may be found as follows:

Look up H corresponding to Z and use (16). We find H (for $V=2{,}700$, $Z=15{,}410$) to be 0.38855. Hence

$$y_o=(0.38855)\ (6{,}000)\ (0.05649)=131.7 \text{ feet.}$$

The distance to the summit could be found theoretically from (21) by substituting this known value of y_o and solving for x_o by trial and error. But practically this formula gives so flat a maximum that x can not be found accurately by its use. Therefore recourse must be had to (22). At the summit $\tan\theta=0$, so (22) reduces to

$$A=a_o\ (1+b_o')=0.28947.$$

Try $z_o=9{,}000$. Then $a_o=0.09690$ and log. $b_o'=0.29069$; hence

$$a_o\ (1+b_o')=0.09690\ (1+1.9530)=2.8614.$$

If $z_o=9{,}100$, $a_o=0.09902$, and $b_o'=1.9580$, whence

$$a_o\ (1+b_o')=0.09902(2.9580)=2.9290.$$

Interpolating, true $z_o=9{,}000+\frac{333}{676}(100)=9{,}049$.

Therefore $x_o=Cz_o=(0.3894)\ (9{,}049)=3{,}526$ feet or 1,175 yards.

5. To hit a point situated above or below the gun, the usual method is to compute the angle of departure for a horizontal range equal to the distance to the target and then add to this the angle of position. But this is only an approximation. The exact method of computing

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the elements of a trajectory to hit a point not on a level with the gun is illustrated by the following problem:

It is desired to hit an observation balloon, distant horizontally 5,000 yards and 1,000 feet high, with the 6-inch howitzer. What angle of elevation should be employed? This howitzer fires a shell weighing 90 pounds and the muzzle velocity of the outer zone is 1,150 foot-seconds.

The range table gives $\varphi = 16° 16'$ and $C = 1.856$ for a range of 5,000 yards in the outer zone. Hence $\varphi_x = 16° 16'$ and $\sin 2\varphi_x = 0.5378$.

Also $\tan \epsilon = \frac{1,000}{15,000} = 0.06667$; hence $\epsilon = 3° 49'$ and $\sin \epsilon = 0.06656$.

Substituting in (31)

$$\sin (2\varphi - \epsilon) = \sin \epsilon \, (1 + \cot \epsilon \sin 2\phi_x)$$
$$= 0.06656 \left(1 + \frac{0.5378}{0.0667}\right) = 0.6031$$

so that $2\varphi - 3° 49' = 37° 5'$ and $\varphi = 20° 27'$ = proper elevation of the howitzer. Adding φ_x and ϵ gives $20° 5'$, so that the error involved in the approximate method is $22'$.

The characteristics of the point of fall are readily found by (14), (22), (10), and (23).

From (14), $A = \frac{\text{sin. } 2\phi}{C} = \frac{\text{sin. } 40° 54'}{1.856} = 0.3530$.

At the target, $z = \frac{x}{c} = \frac{15,000}{1.856} = 8,080$.

In Table II, for $V = 1,150$, $z = 8,080$:

$a = 0.29005$, log. $b' = 0.12462$, $u = 725.6$, $t' = 9.147$.

Therefore:

(22) $\tan \theta = \frac{0.3729}{0.3530} (0.3530 - 0.2900 \, (1 + 1.3324))$

$= -0.3416$, so that $\theta = -18° 52'$ = striking angle.

(10) $v = (725.6) \, (0.9370) \, (1.0568) = 719$ foot-seconds = striking velocity.

(23) $t = 1.856 \, (9.147) \, (1.0673) = 18.13$ seconds.

A check is given by (21):

$y = \frac{0.3729}{0.3530} (0.3530 - 0.2900) \, (15,000) = 998$ feet = height of target.

Actually C in this example should have been corrected to agree with the range table value for $\phi = 20° 27'$, but this merely requires a repetition of the computation of both ϕ_x and ϕ using the new C, and is not instructive.

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6. The use of Table IIA (for velocities below 825 foot-seconds) is precisely similar to that of Table II (for velocities above 825 foot-seconds). Consider this problem:

The enemy is transporting supplies along a road protected by a low hill whose reverse slope is known to be 30°. It is desired to shell the road, using 90-pound H. E. shell in the 6-inch howitzer. What is the shortest range at which the battery can reach the objective?

For the inner (fourth) zone the velocity given by the service charge is 550 foot-seconds. The range-table value of C is known to be approximately 2. As a first attempt, estimate ϕ to be 25°.

Then $A=\frac{\text{sin. } 2\phi}{C}=\frac{0.7660}{2}=0.3830.$

To enter Table IIA, compute $\frac{AV^2}{700^2}=0.3830\left(\frac{550}{700}\right)^2=0.2362.$

In Table IIA, the corresponding Z is 3,244. This gives log. $B'=0.0440$ and $B'=1.107$, whence

$$\text{tan. } \omega=1.107 \text{ tan. } 25°=0.5162$$

Since tan. 30° = 0.5773, the estimated ϕ was evidently too small and tan. ϕ should be about

$$\text{tan. } 25°+\frac{0.5773-0.5162}{1.12}=0.4663+0.0550=0.5213$$

Try $\phi=27°\ 32'$. Then

$$A=0.4099,\ \frac{AV^2}{700^2}=0.2529,\ Z=3{,}450,\ \text{log. } B'=0.0468, \text{ and}$$

$$\text{tan. } \omega=1.114\ (0.5213)=0.5807.$$

Hence increasing Z by 206 increased tan. ω by 0.0645, so that the value of Z for $\omega=30°$ must be $3{,}450-\frac{34}{645}\ (206)=3{,}439$, which corresponds to a range of $\frac{1}{3}\ CZ=\frac{1}{3}\ (2.00)\ (3{,}439)=2{,}293$ yards. Allowing a margin of about 100 yards to assure clearing the hill-top, the best distance from which to fire is 2,400 yards.

For this range:—

$$Z=\frac{3X}{C}=3{,}600, \text{ and therefore}$$

$\frac{AV^2}{700^2}=0.2652$, $H=0.2645$, log. $B'=0.0488$, log. $\frac{V}{u}=0.0733$, $N=1.088$, log. $Q=0.0502$, and $\frac{x_0}{X}=0.5139$.

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Accordingly:

$$\text{sin. } 2\phi = AC = 0.2652 \left(\frac{700}{550}\right)^2 (2.00) = 0.8592, \ \phi = 29^\circ\ 37' = \text{angle of departure.}$$

$$y_o = HX \text{ tan. } \phi = 0.2645\ (7{,}200)\ (0.5685) = 1{,}082 \text{ feet.}$$

$$x_o = \left(\frac{x_o}{X}\right) X = 0.5139\ (7{,}200) = 3{,}700 \text{ feet.}$$

$$\text{tan. } \omega = B' \text{ tan. } \phi = 1.119\ (0.5685) = 0.6360, \ \omega = 32^\circ\ 27' = \text{angle of fall.}$$

$$V_\omega = V\left(\frac{u}{V}\right) \text{cos. } \phi \text{ sec. } \omega = 550 \left(\frac{1}{1.184}\right) (0.8693)\ (1.1851)$$

$$= 478.5 \text{ feet per second} = \text{striking velocity.}$$

$$T = \frac{NX \text{ sec. } \phi}{V} = \frac{1.088\ (7{,}200)\ (1.1503)}{550}$$

$$= 16.39 \text{ seconds} = \text{time of flight.}$$

Q is here useful only as a check:

$$Q = \frac{V^2 \text{ sin. } 2\phi}{gX} = \frac{(550)^2\ (0.8592)}{32.16\ (7200)} = 1.122+ \text{ and log. } Q = 0.0502, \text{ which}$$

agrees with the tabular value.

7. Table I may be used for any computation for which Table II or IIA is used, though the calculation is more laborious and involves more trial and error computations. When $Z > 20{,}000$, Table I must be used.

Suppose it is desired to find the range of the 3-inch 15-pounder R. F. gun, knowing $V = 2{,}600$, $i = 0.90$, $\phi = 42^\circ$.

$$\text{Compute } C = \frac{w}{\beta i d^2} f_a = \frac{15}{\sqrt{\text{sec. } 42^\circ\ (0.9)\ (9)}} f_a = 1.598 f_a.$$

To avoid unnecessary recomputation a preliminary estimate of f_a should be made, thus enabling the second trial value of C to be made exact. f_a will here be estimated as 1.25.

$$C = 1.25\ (1.598) = 1.998, \text{ say } 2.00.$$

$$A = \frac{\text{sin. } 2\phi}{C} = \frac{\text{sin. } 84^\circ}{2} = 0.49726.$$

This is within the limits of Table II, but Table I will first be used to solve the problem. From (7), since $y = 0$ at the point of fall,

$$\text{tan. } \phi = \frac{C}{2 \text{ cos.}^2 \phi}\left(\frac{A_u - A_v}{S_u - S_v} - I_v\right)$$

or

$$\frac{\text{sin. } 2\phi}{C} = A \text{ of Table II, } = 0.49726 = \left(\frac{A_u - A_v}{S_u - S_v} - I_v.\right)$$

In Table I, for $V = 2{,}600$, one finds:

$$S_v = 2{,}967.1, \ A_v = 120.36, \ I_v = 0.05197, \text{ and } T_v = 0.970$$

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so that, by the above equation, $A_u = 0.54923\ (S_u - 2967.1) + 120.36$.

u must now be found by trial. Try $u = 600$.

$S_u = 21{,}638.7$, $A_u = 9{,}633.68$. Hence

trial $A_u = 0.54923\ (18{,}671.6) + 120.36 = 10{,}375.2 > 9{,}633.7$.

Therefore 600 was too large. Try $u = 560$.

$S_u = 23{,}114.1$, $A_u = 12{,}036.9$, and

trial $A_u = 0.54{,}923\ (20{,}147.0) + 120.36 = 11{,}185.6 < 12{,}036.9$.

When $u = 600$, the computed A_u was too large by 741.5.

When $u = 560$, the computed A_u was too small by 851.3.

Hence true value of $u = 600 - \left(\frac{741.5}{741.5 + 851.3}\right)(40) = 581.4$.

Corresponding value of T_u is 21.322.

Hence from (9), $T = C \sec.\ \phi\ (T_u - T_v)$

$= 2(1.3456)\ (21.322 - 0.970) = 54.78$ seconds.

And by (11) $y_o = 4.05\ T^2 = 12{,}150$ feet.

Therefore the mean height $= 0.62(12{,}150) = 7{,}540$ feet and $f_a = 1.257$, so that true value of $C = 1.257(1.598) = 2.020$.

A recomputation should now be made and more accurate interpolation made.

$$\frac{\sin.\ 2\phi}{C} = 0.49234 = \left(\frac{A_u - 120.4}{S_u - 2{,}967}\right) - 0.05197, \text{ and}$$

$$0.54431(S_u - 2{,}967) + 120.4 = A_u.$$

Try $u = 580$: $S_u = 22{,}364$ and $A_u = 10{,}762.5$.

$0.54431(22{,}364 - 2{,}967) + 120.4 = 10{,}678.4 = A_u - 84.1$.

Try $u = 583$: $S_u = 22{,}253$ and $A_u = 10{,}584.4$.

$0.54431\ (22{,}253 - 2{,}967) + 120.4 = 10{,}617.9 = A_u + 33.5$.

Therefore true $u = 580 + \frac{84.1}{84.1 + 33.5}(3) = 582.15$ foot-seconds.

The corresponding primary functions are:

$S_u = 22{,}285$, $A_u = 10{,}634.6$, $I_u = 1.60976$, $T_u = 21.275$.

Hence by

(6), $X = C\ (S_u - S_v) = 2.020\ (22{,}285 - 2{,}967) = 39{,}030$ feet $=$ 13,010 yards.

(8), $\tan.\ \theta = \tan.\ \phi - \frac{C}{2\ \cos.^2\ \phi}(I_u - I_v)$

$$= 0.90040 - \frac{2.020}{2(0.74314)^2}(1.60976 - 0.05197)$$

$$= -1.9496$$

or $\omega = \tan.^{-1}\ 1.9496 = 62°\ 51'$ = angle of fall.

(9), $T = C \sec.\ \phi\ (T_u - T_v)$

$= 2.020\ (1.3456)\ (21.275 - 0.970) = 54.95$ seconds.

(10) $V\omega = u\ \frac{\sec.\omega}{\sec.\phi} = (582.15)\frac{(2.1914)}{(1.3456)} = 948.3$ foot-seconds.

(11) $y_o = 4.05\ T^2 = 12{,}210$ feet.

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The computation by Table II is much shorter. Taking $C=2.020$ as just determined,

$$A=\frac{\text{sin. } 2\phi}{C}=0.49234, \text{ whence } Z=19{,}318, \text{ corresponding to } V=2{,}600.$$

Thence

$H=0.39109$, log. $B'=0.33530$, $u=582.2$, $T=20.306$

and $X=(19{,}318)\ (2.020)=39{,}030$ feet $=13{,}010$ yards.

$y_o=0.39109\ (39{,}030)\ (90{,}040)=13{,}740$ feet.

$\tan\omega=2.164\ (9{,}004)=1.949$, $\omega=62°\ 50'$.

$$V_\omega=582\ \frac{(2.191)}{(1.3456)}=948 \text{ foot-seconds.}$$

$T=2.020\ (1.3456)\ (20.306)=54.95$ seconds.

The results by the two methods are seen to agree precisely except for the maximum ordinate. The labor of finding accurately y_o by Table I is so great that it is customary to use the approximate formula (11) derived from the equations in vacuo. It is seen that (11) gives too low values for y_o when ϕ is large.

8. Table IIA is intended to be used for the computation of any high-angle fire trajectory in which the initial velocity is below about 1,000 foot-seconds, since the velocity falls to a small fraction of its initial value at the summit and the quadratic law of air resistance applies throughout except for a small portion of the ascending branch.

Calculate the range, time of flight, etc., for the 12-inch steel mortar, firing an 800-pound steel shell (2-caliber ogive) at an elevation of 53° 11′ with a muzzle velocity of 980 foot-seconds.

Compute C.

$i=1, \beta=\sqrt{\text{sec. } 53°\ 11'}=1.292$, $w=800$, $d=12$, $\frac{\delta_1}{\delta}=1$, $f_w=1$, so that

$$C=f_w f_a \frac{\delta_1}{\delta}\ \frac{w}{\beta\, id^2}=\frac{(800)\, f_a}{(1.292)(144)}=4.30\, f_a.$$

To enter the table, calculate $\frac{AV^2}{700^2}$, neglecting f_a for the time being.

$$\frac{AV^2}{700^2}=\frac{V^2}{700^2}\left(\frac{\text{sin. } 2\phi}{C}\right)=\left(\frac{980}{700}\right)^2\left(\frac{0.9604}{4.30}\right)=0.4380$$

In Table IIA the corresponding value of Z is 5,575, and of H is 0.2728, whence

$X=CZ=24{,}000$ feet, or 8,000 yards

and $y_o=HX$ tan. $\phi=0.2728\ (24{,}000)\ (1.335)=8{,}740$ feet,

whence log. $f_a=8{,}740\times10^{-5}=0.0874$ and $f_a=1.22$ by (5).

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Recomputing:

$$C = 4.30\, f_a = (4.30)\ (1.22) = 5.25$$

$$\frac{A V^2}{700^2} = \left(\frac{980}{700}\right)^2 \left(\frac{0.9604}{5.25}\right) = 0.3585, \text{ and therefore}$$

$$Z = 4{,}691,\ \mathrm{H} = 0.2691,\ \log. \mathrm{B}' = 0.0637,\ \log. \frac{V}{u} = 0.0957,\ N = 1.117,$$

$$\text{and } \frac{x_o}{X} = 0.5183.$$

The results are then—

$$X = CZ = (5.25)\ (4{,}691) = 24{,}600 \text{ feet} = 8{,}200 \text{ yards.}$$

$$y_o = (0.2691)\ (24{,}600)\ (1.335) = 8{,}840 \text{ feet.}$$

$$\tan. \omega = \mathrm{B}' \tan. \phi = 1.157\ (1.335) = 1.543.$$

$$\omega = \tan.^{-1} 1.543 = 57^\circ\ 4'.$$

$$u = \left(\frac{u}{V}\right) V = \frac{980}{1.248} = 785.$$

$$V_\omega = u \cos. \phi \sec. \omega = (785)\ (0.599)\ (1.843) = 867 \text{ foot-seconds.}$$

$$T = \frac{NX \sec. \phi}{V} = \frac{1.117\ (24{,}600)\ (1.670)}{980} = 46.7 \text{ seconds.}$$

$$x_o = 0.5183\ (24{,}600) = 12{,}720 \text{ feet} = 4{,}240 \text{ yards.}$$

The range table gives $X = 8{,}000$ yards and $T = 46.6$ seconds. Since the first value of X, computed with $f_a = 1$, was just 8,000 yards, it appears that the firings upon which this range table was based determined the reducing factor γ to be 1.22 at this elevation. It is to be noted that a change of 22 per cent in C caused a change of only 2.7 per cent in range. This brings out the characteristic feature of mortar fire; that the usual service trajectories approximate quite nearly to trajectories in a vacuum.

Problems in accuracy of fire are very important, and two examples are given. The fundamental definitions used in probability of fire are:

(*a*) The mean error of a gun is the mean distance from a point of fall to the center of impact of several consecutive rounds.

(*b*) The probable error is that error which it is equally likely will be exceeded or will not be exceeded by any single deviation. It is 0.846 times the mean error. The 50 per cent zone, containing half the hits, has a width twice the probable error or 1.69 times the mean error.

(*c*) The resultant error in any quantity due to several independent causes is the square root of the sum of the squares of the independent errors.

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9. Ten consecutive rounds fired with the 3-inch 15-pounder, long-pointed shell, at 15° elevation, $V=2{,}596$, gave the following results:

Mean range = 11,339 yards.

Mean deviation in range = 109 yards.

Mean deflection = 169 yards to the right.

Mean deviation in deflection = 19 yards.

(*a*) What are the widths of the 50 per cent zones for range and deflection?

(*b*) What is the chance of hitting a vertical target 20 yards square at this range?

(*a*) The mean error in range was 109 yards, so that the 50 per cent zone for range is 1.69 (109) = 184 yards wide.

Similarly the mean error in deflection being 19 yards, the 50 per cent zone for deflection is 1.69 (19) = 32 yards wide.

(*b*) The vertical error must be found from the error in range by (25).

First ω must be found. Since $\phi=15°$, V = 2,596, $X=34{,}017$,

$$\log. Q=\log. \frac{V^2 \sin. 2\phi}{gx}=0.48855.$$

From Table II, the corresponding Z is 11,475 and log. B′ is 0.29877.

Hence $\tan \omega = B' \tan \phi = 1.9896 \tan 15° = 0.5332$, and $\omega = 28°4'$.

Substituting in (25)

$$\triangle X=\frac{h}{0.5332}\left(1+\frac{h}{0.533\ (34{,}000)}\right)=1.87h\left(1+\frac{h}{18{,}100}\right)$$

o that a targets 20 yards high is equivalent to a horizontal target of length $\triangle X = 1.878(60)\left(1+\frac{60}{18{,}100}\right)=113$ feet = 38 yards.

In Table VIII, $\frac{Z}{Z_1}$, the ratio of the width of a zone containing a per cent of the shots to the width of the 50 per cent zone, is tabulated against a.

In this case the vertical target represents a zone for deflection of width $\frac{20}{32}$ or 62.5 per cent of the 50 per cent zone, and a zone for range of width $\frac{38}{184}$ or 20.6 per cent of the 50 per cent zone.

In Table VIII for $\frac{Z}{Z_1}=0.625$, the per cent a is 32.7, and for $\frac{Z}{Z_1}=0.206$ a is 11.3.

Therefore the fraction of all the shots hitting the target is $0.327 \times 0.113 = 0.037$ and the chance of hitting the target is only 3.7 in a hundred.

10. The mean variation in velocity for the 10 rounds of example 9 was 14.4 foot-seconds.

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What was the mean error in range caused by this variation in velocity? And what variation in jump would be necessary to account for the remainder of the observed mean deviation in range?

In example 9, the value of Z for the trajectory was found to be 14,475. For this value of Z, and

V = 2,500, A is 0.17985
V = 2,596, A is 0.16868
V = 2,700, A is 0.15741

Therefore the mean value of $\triangle A_v$ for a change of $\triangle V$ in V is:

$$\triangle A_v = -(0.02244)\frac{\triangle V}{200} = -0.000112\ \triangle V$$

From formula (30), the per cent change in range caused by a change of $\triangle V$ in V is:

$$\frac{\triangle X}{X} = -\frac{L\ \triangle A_v}{A},$$

Substituting for L (from example 9) and $\frac{\triangle A_v}{A}$,

$$\frac{\triangle X}{X} = \frac{-1}{1.9896}\left(-\frac{0.000112\triangle V}{0.16868}\right) = 0.000335\ \triangle V$$

Therefore a mean variation of 14.4 foot-seconds in V results in a mean variation in range of

$$\triangle X = (11{,}339)\ (0.000335)\ (14.4) = 54.6 \text{ yards.}$$

The observed mean deviation in range was 109 yards so that the mean variation due to other causes than velocity is

$$\sqrt{109^2 - 55^2} = 94 \text{ yards.}$$

Referring again to formula (30) the per cent change in range due to a change of $\triangle\phi$ minutes in ϕ is

$$\frac{\triangle X}{X} = \frac{L}{1{,}719}\frac{\triangle\phi}{\tan. 2\phi}$$

Here $\phi = 15°$, $L = \frac{1}{1.9896}$, so that

$$\triangle X = \left(\frac{11{,}339}{1{,}719}\right)\left(\frac{1}{1.9896}\right)\left(\frac{\triangle\phi}{0.5773}\right) = 5.75\ \triangle\phi \text{ yards.}$$

In order to cause a mean error of 94 yards, the mean variation in ϕ would have to be $\frac{94}{5.75} = 16$ minutes. Evidently therefore the portion of the 94-yard residual error to be ascribed to ϕ is small. A mean variation in ϕ of about 2 minutes is a reasonable value to assume. This would leave a residual error of

$$\sqrt{94^2 - 12^2} = 93 \text{ yards}$$

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which must be ascribed to varying degrees of steadiness in flight, varying air currents encountered, etc. From formula (30) again:

$$\frac{\triangle X}{X} = +\left(1-L\right)\frac{\triangle C}{C} = \frac{93}{11{,}339} = +\frac{0.9896}{1.9896}\frac{\triangle C}{C}$$

$$\text{or } \frac{\triangle C}{C} = 0.0165$$

Therefore a mean variation of 1.6 per cent in the density of the air encountered would have caused the same error as the observed variations in flight conditions did. Hence it is seen that (considering the attendant changes in M. V.) a mean variation from round to round of 1 per cent in the weight of projectile would hardly have affected the accuracy of this gun *at this particular range.*

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INGALLS' BALLISTIC TABLES.

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$$C_o=\frac{w}{d^2} \quad . \quad . \quad .

TABLE I.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
3600	0.0	54.5	0.00	1.72	0.03138	0.00027	0.000	0.015
3580	54.5	54.7	1.72	1.74	0.03165	0.00028	0.015	0.015
3560	109.2	54.9	3.46	1.76	0.03193	0.00028	0.030	0.016
3540	164.1	55.1	5.22	1.78	0.03221	0.00028	0.046	0.016
3520	219.2	55.2	7.00	1.80	0.03249	0.00029	0.062	0.015
3500	274.4	55.4	8.80	1.82	0.03278	0.00030	0.077	0.016
3480	329.8	55.5	10.62	1.85	0.03308	0.00029	0.093	0.016
3460	385.3	55.8	12.47	1.87	0.03337	0.00030	0.109	0.016
3440	441.1	55.9	14.34	1.89	0.03367	0.00031	0.125	0.017
3420	497.0	56.1	16.23	1.92	0.03398	0.00031	0.142	0.016
3400	553.1	28.2	18.15	0.96	0.03429	0.00016	0.158	0.008
3390	581.3	28.1	19.11	0.97	0.03445	0.00016	0.166	0.008
3380	609.4	28.2	20.08	0.98	0.03461	0.00016	0.175	0.008
3370	637.6	28.2	21.06	0.98	0.03477	0.00016	0.183	0.009
3360	665.8	28.3	22.04	0.99	0.03493	0.00016	0.192	0.008
3350	694.1	28.4	23.03	1.00	0.03450	0.00016	0.200	0.008
3340	722.5	28.4	24.03	1.01	0.03525	0.00016	0.208	0.009
3330	750.9	28.4	25.04	1.01	0.03541	0.00017	0.217	0.008
3320	779.3	28.5	26.05	1.02	0.03558	0.00016	0.225	0.009
3310	807.8	28.6	27.07	1.02	0.03574	0.00017	0.234	0.009
3300	836.4	28.6	28.09	1.03	0.03591	0.00017	0.243	0.008
3290	865.0	28.6	29.12	1.03	0.03608	0.00017	0.251	0.009
3280	893.6	28.7	30.15	1.04	0.03625	0.00017	0.260	0.009
3270	922.3	28.7	31.19	1.05	0.03642	0.00018	0.269	0.009
3260	951.0	28.8	32.24	1.06	0.03660	0.00017	0.278	0.008
3250	979.8	28.8	33.30	1.06	0.03677	0.00018	0.286	0.009
3240	1008.6	28.9	34.36	1.07	0.03695	0.00018	0.295	0.009
3230	1037.5	28.9	35.43	1.08	0.03713	0.00018	0.304	0.009
3220	1066.4	29.0	36.51	1.08	0.03731	0.00018	0.313	0.009
3210	1095.4	29.0	37.59	1.09	0.03749	0.00018	0.322	0.009
3200	1124.4	29.1	38.68	1.10	0.03767	0.00018	0.331	0.009
3190	1153.5	29.1	39.78	1.10	0.03785	0.00019	0.340	0.009
3180	1182.6	29.2	40.88	1.12	0.03804	0.00018	0.349	0.010
3170	1211.8	29.2	42.00	1.12	0.03822	0.00019	0.359	0.009
3160	1241.0	29.3	43.12	1.13	0.03841	0.00019	0.368	0.009
3150	1270.3	29.3	44.25	1.13	0.03860	0.00019	0.377	0.009
3140	1299.6	29.4	45.38	1.14	0.03879	0.00019	0.386	0.010
3130	1329.0	29.4	46.52	1.15	0.03898	0.00020	0.396	0.009
3120	1358.4	29.5	47.67	1.16	0.03918	0.00019	0.405	0.010
3110	1387.9	29.5	48.83	1.16	0.03937	0.00020	0.415	0.009
3100	1417.4	29.6	49.99	1.18	0.03957	0.00020	0.424	0.010
3090	1447.0	29.6	51.17	1.18	0.03977	0.00020	0.434	0.009
3080	1476.6	29.7	52.35	1.19	0.03997	0.00020	0.443	0.010
3070	1506.3	29.8	53.54	1.20	0.04017	0.00020	0.453	0.010
3060	1536.1	29.8	54.74	1.21	0.04037	0.00021	0.463	0.009
3050	1565.9	29.8	55.95	1.21	0.04058	0.00021	0.472	0.010
3040	1595.7	29.9	57.16	1.22	0.04079	0.00021	0.482	0.010
3030	1625.6	30.0	58.38	1.23	0.04100	0.00021	0.492	0.010
3020	1655.6	30.0	59.61	1.24	0.04121	0.00021	0.502	0.010
3010	1685.6	30.1	60.85	1.25	0.04122	0.00021	0.512	0.010
3000	1715.7	30.1	62.10	1.26	0.04163	0.00022	0.522	0.010

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TABLE I.—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
3000	1715.7	30.1	62.10	1.26	0.04163	0.00022	0.522	0.010
2990	1745.8	30.2	63.36	1.27	0.04185	0.00022	0.532	0.010
2980	1776.0	30.2	64.63	1.28	0.04207	0.00022	0.542	0.010
2970	1806.2	30.3	65.91	1.28	0.04229	0.00022	0.552	0.011
2960	1836.5	30.3	67.19	1.29	0.04251	0.00022	0.563	0.010
2950	1866.8	30.4	68.48	1.30	0.04273	0.00023	0.573	0.010
2940	1897.2	30.5	69.78	1.32	0.04296	0.00022	0.583	0.010
2930	1927.7	30.5	71.10	1.32	0.04318	0.00023	0.593	0.011
2920	1958.2	30.6	72.42	1.33	0.04341	0.00023	0.604	0.010
2910	1988.8	30.6	73.75	1.34	0.04364	0.00024	0.614	0.011
2900	2019.4	30.7	75.09	1.35	0.04388	0.00023	0.625	0.010
2890	2050.1	30.8	76.44	1.36	0.04411	0.00024	0.635	0.011
2880	2080.9	30.8	77.80	1.37	0.04435	0.00024	0.646	0.011
2870	2111.7	30.9	79.17	1.38	0.04456	0.00024	0.657	0.011
2860	2142.6	30.9	80.55	1.39	0.04483	0.00024	0.668	0.011
2850	2173.5	31.0	81.94	1.40	0.04507	0.00025	0.679	0.011
2840	2204.5	31.1	83.34	1.41	0.04532	0.00025	0.690	0.011
2830	2235.6	31.1	84.75	1.42	0.04557	0.00025	0.701	0.011
2820	2266.7	31.2	86.17	1.43	0.04582	0.00025	0.712	0.011
2810	2297.9	31.2	87.60	1.44	0.04607	0.00026	0.723	0.011
2800	2329.1	31.3	89.04	1.46	0.04633	0.00026	0.734	0.011
2790	2360.4	31.3	90.50	1.47	0.04659	0.00026	0.745	0.011
2780	2391.7	31.4	91.97	1.48	0.04685	0.00026	0.756	0.011
2770	2423.1	31.5	93.45	1.48	0.04711	0.00027	0.767	0.012
2760	2454.6	31.5	94.93	1.50	0.04738	0.00026	0.779	0.011
2750	2486.1	31.6	96.43	1.51	0.04764	0.00027	0.790	0.012
2740	2517.7	31.7	97.94	1.52	0.04791	0.00027	0.802	0.011
2730	2549.4	31.7	99.46	1.53	0.04818	0.00028	0.813	0.012
2720	2581.1	31.8	100.99	1.54	0.04846	0.00028	0.825	0.012
2710	2612.9	31.9	102.53	1.56	0.04874	0.00028	0.837	0.012
2700	2644.8	31.9	104.09	1.57	0.04902	0.00028	0.849	0.011
2690	2676.7	32.0	105.66	1.59	0.04930	0.00029	0.860	0.012
2680	2708.7	32.1	107.25	1.60	0.04959	0.00029	0.872	0.012
2670	2740.8	32.1	108.85	1.60	0.04988	0.00029	0.884	0.012
2660	2772.9	32.2	110.45	1.62	0.05017	0.00029	0.896	0.012
2650	2805.1	32.3	112.07	1.63	0.05046	0.00030	0.908	0.013
2640	2837.4	32.3	113.70	1.64	0.05076	0.00030	0.921	0.012
2630	2869.7	32.4	115.34	1.66	0.05106	0.00030	0.933	0.012
2620	2902.1	32.5	117.00	1.67	0.05136	0.00030	0.945	0.012
2610	2934.6	32.5	118.67	1.69	0.05166	0.00031	0.957	0.013
2600	2967.1	32.6	120.36	1.72	0.05197	0.00031	0.970	0.013
2590	2999.7	32.7	122.08	1.72	0.05228	0.00032	0.983	0.012
2580	3032.4	32.9	123.80	1.73	0.05260	0.00031	0.995	0.013
2570	3065.3	32.9	125.53	1.75	0.05291	0.00032	1.008	0.013
2560	3098.2	33.0	127.28	1.76	0.05323	0.00033	1.021	0.013
2550	3131.2	33.1	129.04	1.77	0.05356	0.00033	1.034	0.013
2540	3164.3	33.2	130.81	1.78	0.05389	0.00033	1.047	0.013
2530	3197.5	33.3	132.59	1.81	0.05422	0.00034	1.060	0.013
2520	3230.8	33.3	134.40	1.83	0.05456	0.00034	1.073	0.014
2510	3264.1	33.5	136.23	1.84	0.05490	0.00034	1.087	0.013
2500	3297.6	33.6	138.07	1.86	0.05524	0.00035	1.100	0.013

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
2500	3297.6	33.6	138.07	1.86	0.05524	0.00035	1.100	0.013
2490	3331.2	33.6	139.93	1.88	0.05559	0.00035	1.113	0.014
2480	3364.8	33.8	141.81	1.89	0.05594	0.00035	1.127	0.014
2470	3398.6	33.8	143.70	1.91	0.05629	0.00036	1.141	0.013
2460	3432.4	34.0	145.61	1.93	0.05665	0.00036	1.154	0.014
2450	3466.4	34.0	147.54	1.95	0.05701	0.00037	1.168	0.014
2440	3500.4	34.2	149.49	1.97	0.05738	0.00037	1.182	0.014
2430	3534.6	34.2	151.46	1.98	0.05775	0.00038	1.196	0.014
2420	3568.8	34.3	153.44	2.00	0.05813	0.00038	1.210	0.015
2410	3603.1	34.5	155.44	2.02	0.05851	0.00038	1.225	0.014
2400	3637.6	34.5	157.46	2.04	0.05889	0.00039	1.239	0.014
2390	3672.1	34.6	159.50	2.06	0.05928	0.00039	1.253	0.015
2380	3706.7	34.8	161.56	2.08	0.05967	0.00040	1.268	0.014
2370	3741.5	34.8	163.64	2.10	0.06007	0.00040	1.282	0.015
2360	3776.3	35.0	165.74	2.12	0.06047	0.00040	1.297	0.015
2350	3811.3	35.0	167.86	2.14	0.06087	0.00041	1.312	0.015
2340	3846.3	35.2	170.00	2.16	0.06128	0.00042	1.327	0.015
2330	3881.5	35.3	172.16	2.18	0.06170	0.00042	1.342	0.015
2320	3916.8	35.3	174.34	2.21	0.06212	0.00042	1.357	0.016
2310	3952.1	35.5	176.55	2.23	0.06254	0.00043	1.373	0.015
2300	3987.6	35.6	178.78	2.25	0.06297	0.00043	1.388	0.015
2290	4023.2	35.7	181.03	2.27	0.06340	0.00044	1.403	0.016
2280	4058.9	35.8	183.30	2.30	0.06384	0.00044	1.419	0.016
2270	4094.7	35.9	185.60	2.32	0.06428	0.00045	1.435	0.015
2260	4130.6	36.0	187.92	2.34	0.06473	0.00046	1.450	0.016
2250	4166.6	36.2	190.26	2.36	0.06519	0.00046	1.466	0.016
2240	4202.8	36.2	192.62	2.39	0.06565	0.00047	1.482	0.017
2230	4239.0	36.4	195.01	2.41	0.06612	0.00047	1.499	0.016
2220	4275.4	36.4	197.42	2.44	0.06659	0.00048	1.515	0.016
2210	4311.8	36.6	199.86	2.46	0.06707	0.00048	1.531	0.017
2200	4348.4	36.7	202.32	2.50	0.06755	0.00049	1.548	0.017
2190	4385.1	36.9	204.82	2.52	0.06804	0.00050	1.565	0.016
2180	4422.0	36.9	207.34	2.54	0.06854	0.00050	1.581	0.017
2170	4458.9	37.1	209.88	2.57	0.06904	0.00051	1.598	0.017
2160	4496.0	37.2	212.45	2.60	0.06955	0.00052	1.615	0.018
2150	4533.2	37.3	215.05	2.62	0.07007	0.00052	1.633	0.017
2140	4570.5	37.4	217.67	2.65	0.07059	0.00053	1.650	0.017
2130	4607.9	37.6	220.32	2.68	0.07112	0.00053	1.667	0.018
2120	4645.5	37.6	223.00	2.70	0.07165	0.00054	1.685	0.018
2110	4683.1	37.8	225.70	2.73	0.07219	0.00055	1.703	0.018
2100	4720.9	38.0	228.43	2.77	0.07274	0.00056	1.721	0.018
2090	4758.9	38.1	231.20	2.80	0.07330	0.00056	1.739	0.018
2080	4797.0	38.2	234.00	2.83	0.07386	0.00057	1.757	0.019
2070	4835.2	38.3	236.83	2.86	0.07443	0.00058	1.776	0.018
2060	4873.5	38.4	239.69	2.90	0.07501	0.00058	1.794	0.019
2050	4911.9	38.6	242.59	2.93	0.07559	0.00060	1.813	0.019
2040	4950.5	38.7	245.52	2.96	0.07619	0.00060	1.832	0.019
2030	4989.2	38.9	248.48	2.99	0.07679	0.00061	1.851	0.019
2020	5028.1	38.9	251.47	3.03	0.07740	0.00062	1.870	0.019
2010	5067.0	39.1	254.50	3.07	0.07802	0.00062	1.889	0.020
2000	5106.1	39.2	257.57	3.10	0.07864	0.00064	1.909	0.020

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
2000	5106.1	39.2	257.57	3.10	0.07864	0.00064	1.909	0.020
1990	5145.3	39.4	260.67	3.14	0.07928	0.00064	1.929	0.019
1980	5184.7	39.6	263.81	3.17	0.07992	0.00066	1.948	0.020
1970	5224.3	39.6	266.98	3.21	0.08058	0.00066	1.968	0.021
1960	5263.9	39.8	270.19	3.25	0.08124	0.00067	1.989	0.020
1950	5303.7	40.0	273.44	3.29	0.08191	0.00068	2.009	0.021
1940	5343.7	40.1	276.73	3.32	0.08259	0.00069	2.030	0.020
1930	5383.8	40.2	280.05	3.36	0.08328	0.00070	2.050	0.021
1920	5424.0	40.4	283.41	3.40	0.08398	0.00071	2.071	0.022
1910	5464.4	40.6	286.81	3.45	0.08469	0.00071	2.093	0.021
1900	5505.0	40.7	290.26	3.49	0.08540	0.00073	2.114	0.021
1890	5545.7	40.8	293.75	3.53	0.08613	0.00074	2.135	0.022
1880	5586.5	41.0	297.28	3.58	0.08687	0.00075	2.157	0.022
1870	5627.5	41.1	300.86	3.62	0.08762	0.00076	2.179	0.022
1860	5668.6	41.3	304.48	3.67	0.08838	0.00077	2.201	0.022
1850	5709.9	41.5	308.15	3.71	0.08915	0.00078	2.223	0.023
1840	5751.4	41.6	311.86	3.76	0.08993	0.00080	2.246	0.022
1830	5793.0	41.8	315.62	3.81	0.09073	0.00080	2.268	0.023
1820	5834.8	41.9	319.43	3.85	0.09153	0.00082	2.291	0.024
1810	5876.7	42.1	323.28	3.90	0.09235	0.00083	2.315	0.023
1800	5918.8	42.3	327.18	3.96	0.09318	0.00084	2.338	0.024
1790	5961.1	42.6	331.14	4.02	0.09402	0.00086	2.362	0.024
1780	6003.7	42.8	335.16	4.08	0.09488	0.00088	2.386	0.024
1770	6046.5	43.1	339.24	4.14	0.09576	0.00089	2.410	0.024
1760	6089.6	43.3	343.38	4.21	0.09665	0.00090	2.434	0.024
1750	6132.9	43.5	347.59	4.27	0.09755	0.00092	2.458	0.025
1740	6176.4	43.8	351.86	4.33	0.09847	0.00094	2.483	0.025
1730	6220.2	44.1	356.19	4.40	0.09941	0.00095	2.508	0.026
1720	6264.3	44.3	360.59	4.47	0.10036	0.00097	2.534	0.026
1710	6308.6	44.5	365.06	4.54	0.10133	0.00099	2.560	0.026
1700	6353.1	44.8	369.60	4.61	0.10232	0.00100	2.586	0.026
1690	6397.9	45.1	374.21	4.68	0.10332	0.00102	2.612	0.027
1680	6443.0	45.4	378.89	4.76	0.10434	0.00104	2.639	0.027
1670	6488.4	45.7	383.65	4.83	0.10538	0.00106	2.666	0.027
1660	6534.1	45.9	388.48	4.91	0.10644	0.00108	2.693	0.028
1650	6580.0	46.2	393.39	4.99	0.10752	0.00110	2.721	0.028
1640	6626.2	46.5	398.38	5.08	0.10862	0.00112	2.749	0.028
1630	6672.7	46.7	403.46	5.16	0.10974	0.00113	2.777	0.029
1620	6719.4	47.1	408.62	5.24	0.11087	0.00116	2.806	0.029
1610	6766.5	47.3	413.86	5.33	0.11203	0.00119	2.835	0.030
1600	6813.8	23.8	419.19	2.70	0.11322	0.00060	2.865	0.015
1595	6837.6	23.9	421.89	2.72	0.11382	0.00060	2.880	0.015
1590	6861.5	23.9	424.61	2.75	0.11442	0.00061	2.895	0.015
1585	6885.4	24.0	427.36	2.77	0.11503	0.00062	2.910	0.016
1580	6909.4	24.1	430.13	2.79	0.11565	0.00062	2.926	0.015
1575	6933.5	24.1	432.92	2.82	0.11627	0.00063	2.941	0.015
1570	6957.6	24.3	435.74	2.84	0.11690	0.00063	2.956	0.016
1565	6981.9	24.3	438.58	2.87	0.11753	0.00064	2.972	0.015
1560	7006.2	24.4	441.45	2.89	0.11817	0.00065	2.987	0.016
1555	7030.6	24.5	444.34	2.91	0.11882	0.00065	3.003	0.016
1550	7055.1	24.6	447.25	2.94	0.11947	0.00066	3.019	0.016

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
1550	7055.1	24.6	447.25	2.94	0.11947	0.00066	3.019	0.016
1545	7079.7	24.6	450.19	2.97	0.12013	0.00067	3.035	0.016
1540	7104.3	24.7	453.16	2.99	0.12080	0.00067	3.051	0.016
1535	7129.0	24.8	456.15	3.02	0.12147	0.00068	3.067	0.016
1530	7153.8	24.9	459.17	3.05	0.12215	0.00069	3.083	0.016
1525	7178.7	24.9	462.22	3.08	0.12284	0.00069	3.099	0.016
1520	7203.6	25.0	465.30	3.10	0.12353	0.00070	3.115	0.017
1515	7228.6	25.1	468.40	3.13	0.12423	0.00071	3.132	0.016
1510	7253.7	25.2	471.53	3.16	0.12494	0.00071	3.148	0.017
1505	7278.9	25.3	474.69	3.18	0.12565	0.00072	3.165	0.017
1500	7304.2	25.5	477.87	3.21	0.12637	0.00073	3.182	0.017
1495	7329.7	25.5	481.08	3.25	0.12710	0.00073	3.199	0.017
1490	7355.2	25.6	484.33	3.27	0.12783	0.00075	3.216	0.017
1485	7380.8	25.6	487.60	3.31	0.12858	0.00075	3.233	0.018
1480	7406.4	25.7	490.91	3.33	0.12933	0.00075	3.251	0.017
1475	7432.1	25.8	494.24	3.37	0.13008	0.00077	3.268	0.018
1470	7457.9	25.9	497.61	3.40	0.13085	0.00077	3.286	0.017
1465	7483.8	26.0	501.01	3.43	0.13162	0.00078	3.303	0.018
1460	7509.8	26.1	504.44	3.46	0.13240	0.00079	3.321	0.018
1455	7535.9	26.1	507.90	3.49	0.13319	0.00080	3.339	0.018
1450	7562.0	26.3	511.39	3.53	0.13399	0.00081	3.357	0.018
1445	7588.3	26.3	514.92	3.56	0.13480	0.00081	3.375	0.018
1440	7614.6	26.4	518.48	3.59	0.13561	0.00082	3.393	0.019
1435	7641.0	26.5	522.07	3.63	0.13643	0.00083	3.412	0.018
1430	7667.5	26.7	525.70	3.67	0.13726	0.00084	3.430	0.019
1425	7694.2	26.7	529.37	3.70	0.13810	0.00085	3.449	0.018
1420	7720.9	26.8	533.07	3.74	0.13895	0.00086	3.467	0.019
1415	7747.7	26.9	536.81	3.77	0.13981	0.00087	3.486	0.020
1410	7774.6	26.9	540.58	3.81	0.14068	0.00087	3.506	0.019
1405	7801.5	27.0	544.39	3.84	0.14155	0.00089	3.525	0.019
1400	7828.5	27.2	548.23	3.88	0.14244	0.00090	3.544	0.019
1395	7855.7	27.3	552.11	3.93	0.14334	0.00090	3.563	0.020
1390	7883.0	27.4	556.04	3.96	0.14424	0.00092	3.583	0.020
1385	7910.4	27.5	560.00	4.00	0.14516	0.00092	3.603	0.020
1380	7937.9	27.6	564.00	4.05	0.14608	0.00094	3.623	0.020
1375	7965.5	27.6	568.05	4.08	0.14702	0.00094	3.643	0.020
1370	7993.1	27.9	572.13	4.15	0.14796	0.00096	3.663	0.020
1365	8021.0	28.1	576.28	4.20	0.14892	0.00097	3.683	0.021
1360	8049.1	28.4	580.48	4.27	0.14989	0.00099	3.704	0.021
1355	8077.5	28.6	584.75	4.32	0.15088	0.00101	3.725	0.021
1350	8106.1	28.8	589.07	4.38	0.15189	0.00102	3.746	0.021
1345	8134.9	29.0	593.45	4.45	0.15291	0.00103	3.767	0.022
1340	8163.9	29.2	597.90	4.51	0.15394	0.00105	3.789	0.022
1335	8193.1	29.4	602.41	4.58	0.15499	0.00107	3.811	0.022
1330	8222.5	29.6	606.99	4.64	0.15606	0.00108	3.833	0.022
1325	8252.1	29.9	611.63	4.71	0.15714	0.00110	3.855	0.023
1320	8282.0	30.1	616.34	4.78	0.15824	0.00112	3.878	0.023
1315	8312.1	30.3	621.12	4.85	0.15936	0.00113	3.901	0.023
1310	8342.4	30.6	625.97	4.92	0.16049	0.00115	3.924	0.023
1305	8373.0	30.8	630.89	5.00	0.16164	0.00116	3.947	0.024
1300	8403.8	12.4	635.89	2.02	0.16280	0.00047	3.971	0.009

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TABLE I.—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
1300	8403.8	12.4	635.89	2.02	0.16280	0.00047	3.971	0.009
1298	8416.2	12.4	637.91	2.03	0.16327	0.00048	3.980	0.010
1296	8428.6	12.5	639.94	2.04	0.16375	0.00048	3.990	0.010
1294	8441.1	12.5	641.98	2.06	0.16423	0.00048	4.000	0.009
1292	8453.6	12.5	644.04	2.07	0.16471	0.00048	4.009	0.010
1290	8466.1	12.6	646.11	2.08	0.16519	0.00049	4.019	0.010
1288	8478.7	12.6	648.19	2.09	0.16568	0.00049	4.029	0.009
1286	8491.3	12.7	650.28	2.11	0.16617	0.00049	4.038	0.010
1284	8504.0	12.7	652.39	2.12	0.16666	0.00050	4.048	0.010
1282	8516.7	12.7	654.51	2.13	0.16716	0.00050	4.058	0.010
1280	8529.4	12.8	656.64	2.14	0.16766	0.00050	4.068	0.010
1278	8542.2	12.8	658.78	2.16	0.16816	0.00051	4.078	0.010
1276	8555.0	12.9	660.94	2.17	0.16867	0.00050	4.088	0.010
1274	8567.9	12.9	663.11	2.19	0.16917	0.00051	4.098	0.010
1272	8580.8	12.9	665.30	2.20	0.16968	0.00052	4.108	0.010
1270	8593.7	13.0	667.50	2.21	0.17020	0.00052	4.118	0.010
1268	8606.7	13.0	669.71	2.23	0.17072	0.00052	4.128	0.011
1266	8619.7	13.1	671.94	2.24	0.17124	0.00053	4.139	0.010
1264	8632.8	13.1	674.18	2.25	0.17177	0.00053	4.149	0.010
1262	8645.9	13.1	676.43	2.27	0.17230	0.00053	4.159	0.011
1260	8659.0	13.2	678.70	2.28	0.17283	0.00053	4.170	0.010
1258	8672.2	13.2	680.98	2.30	0.17336	0.00054	4.180	0.011
1256	8685.4	13.2	683.28	2.31	0.17390	0.00055	4.191	0.011
1254	8698.6	13.3	685.59	2.33	0.17445	0.00054	4.202	0.010
1252	8711.9	13.4	687.92	2.34	0.17499	0.00055	4.212	0.011
1250	8725.3	13.4	690.26	2.36	0.17554	0.00056	4.223	0.011
1248	8738.7	13.4	692.62	2.37	0.17610	0.00055	4.234	0.010
1246	8752.1	13.5	694.99	2.38	0.17665	0.00056	4.244	0.011
1244	8765.6	13.5	697.37	2.40	0.17721	0.00057	4.255	0.011
1242	8779.1	13.6	699.77	2.42	0.17778	0.00056	4.266	0.011
1240	8792.7	13.6	702.19	2.43	0.17834	0.00057	4.277	0.011
1238	8806.3	13.7	704.62	2.45	0.17891	0.00057	4.288	0.011
1236	8820.0	13.7	707.07	2.46	0.17948	0.00057	4.299	0.012
1234	8833.7	13.8	709.53	2.48	0.18005	0.00058	4.311	0.011
1232	8847.5	13.8	712.01	2.49	0.18063	0.00059	4.322	0.011
1230	8861.3	13.8	714.50	2.51	0.18122	0.00059	4.333	0.011
1228	8875.1	13.9	717.01	2.54	0.18181	0.00060	4.344	0.012
1226	8889.0	14.0	719.55	2.56	0.18241	0.00060	4.356	0.011
1224	8903.0	14.1	722.11	2.59	0.18301	0.00061	4.367	0.011
1222	8917.1	14.2	724.70	2.61	0.18362	0.00061	4.378	0.012
1220	8931.3	14.3	727.31	2.64	0.18423	0.00062	4.390	0.012
1218	8945.6	14.4	729.95	2.67	0.18485	0.00062	4.402	0.011
1216	8960.0	14.5	732.62	2.69	0.18547	0.00063	4.413	0.012
1214	8974.5	14.6	735.31	2.72	0.18610	0.00064	4.425	0.012
1212	8989.1	14.7	738.03	2.74	0.18674	0.00064	4.437	0.012
1210	9003.8	14.7	740.77	2.77	0.18738	0.00065	4.449	0.012
1208	9018.5	14.9	743.54	2.80	0.18803	0.00066	4.461	0.013
1206	9033.4	15.0	746.34	2.83	0.18869	0.00066	4.474	0.012
1204	9048.4	15.0	749.17	2.86	0.18935	0.00067	4.486	0.012
1202	9063.4	15.2	752.03	2.89	0.19002	0.00068	4.498	0.013
1200	9078.6	15.3	754.92	2.92	0.19070	0.00068	4.511	0.013

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TABLE I.—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
1200	9078.6	15.3	754.92	2.92	0.19070	0.00068	4.511	0.013
1198	9093.9	15.4	757.84	2.94	0.19138	0.00069	4.524	0.013
1196	9109.3	15.4	760.78	2.98	0.19207	0.00070	4.537	0.013
1194	9124.7	15.6	763.76	3.01	0.19277	0.00071	4.550	0.013
1192	9140.3	15.7	766.77	3.04	0.19348	0.00071	4.563	0.013
1190	9156.0	15.8	769.81	3.07	0.19419	0.00072	4.576	0.013
1188	9171.8	15.9	772.88	3.11	0.19491	0.00072	4.589	0.014
1186	9187.7	16.0	775.99	3.14	0.19563	0.00073	4.603	0.013
1184	9203.7	16.1	779.13	3.17	0.19636	0.00074	4.616	0.014
1182	9219.8	16.2	782.30	3.20	0.19710	0.00075	4.630	0.014
1180	9236.0	16.3	785.50	3.24	0.19785	0.00075	4.644	0.014
1178	9252.3	16.5	788.74	3.27	0.19860	0.00076	4.658	0.014
1176	9268.8	16.5	792.01	3.31	0.19936	0.00077	4.672	0.014
1174	9285.3	16.7	795.32	3.34	0.20013	0.00078	4.686	0.014
1172	9302.0	16.8	798.66	3.38	0.20091	0 00079	4.700	0.014
1170	9318.8	16.9	802.04	3.42	0.20170	0.00080	4.714	0.015
1168	9335.7	17.0	805.46	3.45	0.20250	0.00080	4.729	0.014
1166	9352.7	17.2	808.91	3.49	0.20330	0 00082	4.743	0.015
1164	9369.9	17.2	812.40	3.53	0.20412	0.00082	4.758	0.015
1162	9387.1	17.4	815.93	3.57	0.20494	0.00083	4.773	0.015
1160	9404.5	17.5	819.50	3.60	0.20577	0.00084	4.788	0.015
1158	9422.0	17.6	823.10	3.65	0.20661	0.00084	4.803	0.016
1156	9439.6	17.7	826.75	3.68	0.20745	0.00086	4.819	0.015
1154	9457.3	17.9	830.43	3.73	0.20831	0.00087	4.834	0.015
1152	9475.2	18.0	834.16	3.77	0.20918	0.00087	4.849	0.016
1150	9493.2	18.1	837.93	3.81	0.21005	0.00088	4.865	0.016
1148	9511.3	18.2	841.74	3.86	0.21093	0.00089	4.881	0.016
1146	9529.5	18.4	845.60	3.90	0.21182	0.00090	4.897	0.016
1144	9547.9	18.5	849.50	3.94	0.21272	0.00091	4.913	0.016
1142	9566.4	18.6	853.44	3.98	0.21363	0.00092	4.929	0.016
1140	9585.0	18.7	857.42	4.03	0.21455	0.00093	4.945	0.017
1138	9603.7	18.9	861.45	4.08	0.21548	0.00094	4.962	0.016
1136	9622.6	19.0	865.53	4.13	0.21642	0.00095	4.978	0.017
1134	9641.6	19.2	869.66	4.17	0.21737	0.00096	4.995	0.017
1132	9660.8	19.3	873.83	4.22	0.21833	0.00097	5.012	0.017
1130	9680.1	19.4	878.05	4.27	0.21930	0.00098	5.029	0.017
1128	9699.5	19.6	882.32	4.32	0.22028	0.00099	5.046	0.017
1126	9719.1	19.7	886.64	4.38	0.22127	0.00100	5.063	0.018
1124	9738.8	19.8	891.02	4.42	0.22227	0.00102	5.081	0.017
1122	9758.6	20.0	895.44	4.48	0.22329	0.00102	5.098	0.018
1120	9778.6	20.1	899.92	4.52	0.22431	0.00103	5.116	0.018
1118	9798.7	20.3	904.44	4.58	0.22534	0.00105	5.134	0.01
1116	9819.0	20.4	909.02	4.63	0.22639	0.00105	5.152	0.019
1114	9839.4	20.6	913.65	4.69	0.22744	0.00107	5.171	0.018
1112	9860.0	20.7	918.34	4.74	0.22851	0.00108	5.189	0.019
1110	9880.7	20.9	923.08	4.80	0.22959	0.00109	5.208	0.019
1108	9901.6	21.0	927.88	4.86	0.23068	0.00110	5.227	0.019
1106	9922.6	21.2	932.74	4.91	0.23178	0.00112	5.246	0.019
1104	9943.8	21.3	937.65	4.98	0.23290	0.00113	5.265	0.019
1102	9965.1	21.5	942.63	5.04	0.23403	0.00114	5.284	0.020
1100	9986.6	10.8	947.67	2.54	0.23517	0.00057	5.304	0.010

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TABLE I.—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
1100	9986.6	10.8	947.67	2.54	0.23517	0.00057	5.304	0.010
1099	9997.4	10.9	950.21	2.56	0.23574	0.00058	5.314	0.010
1098	10008.3	10.9	952.77	2.58	0.23632	0.00058	5.324	0.009
1097	10019.2	10.9	955.35	2.59	0.23690	0.00059	5.333	0.010
1096	10030.1	10.9	957.94	2.60	0.23749	0.00058	5.343	0.010
1095	10041.0	11.0	960.54	2.62	0.23807	0.00059	5.353	0.010
1094	10052.0	11.0	963.16	2.64	0.23866	0.00060	5.363	0.011
1093	10063.0	11.1	965.80	2.65	0.23926	0.00060	5.374	0.010
1092	10074.1	11.1	968.45	2.67	0.23986	0.00060	5.384	0.010
1091	10085.2	11.2	971.12	2.69	0.24046	0.00060	5.394	0.010
1090	10096.4	11.2	973.81	2.70	0.24106	0.00061	5.404	0.010
1089	10107.6	11.2	976.51	2.72	0.24167	0.00061	5.414	0.011
1088	10118.8	11.3	979.23	2.74	0.24228	0.00061	5.425	0.010
1087	10130.1	11.3	981.97	2.75	0.24289	0.00062	5.435	0.010
1086	10141.4	11.3	984.72	2.77	0.24351	0.00062	5.445	0.011
1085	10152.7	11.4	987.49	2.79	0.24413	0.00062	5.456	0.010
1084	10164.1	11.5	990.28	2.81	0.24475	0.00063	5.466	0.011
1083	10175.6	11.5	993.09	2.82	0.24538	0.00063	5.477	0.011
1082	10187.1	11.5	995.91	2.84	0.24601	0.00063	5.488	0.010
1081	10198.6	11.6	998.75	2.86	0.24664	0.00064	5.498	0.011
1080	10210.2	11.6	1001.61	2.88	0.24728	0.00064	5.509	0.011
1079	10221.8	11.7	1004.49	2.89	0.24792	0.00065	5.520	0.011
1078	10233.5	11.7	1007.38	2.92	0.24857	0.00065	5.531	0.010
1077	10245.2	11.8	1010.30	2.93	0.24922	0.00065	5.541	0.011
1076	10257.0	11.8	1013.23	2.95	0.24987	0.00065	5.552	0.011
1075	10268.8	11.8	1016.18	2.97	0.25052	0.00066	5.563	0.011
1074	10280.6	11.9	1019.15	2.99	0.25118	0.00067	5.574	0.012
1073	10292.5	11.9	1022.14	3.01	0.25185	0.00066	5.586	0.011
1072	10304.4	12.0	1025.15	3.02	0.25251	0.00067	5.597	0.011
1071	10316.4	12.0	1028.17	3.05	0.25318	0.00068	5.608	0.011
1070	10328.4	12.1	1031.22	3.07	0.25386	0.00068	5.619	0.011
1069	10340.5	12.1	1034.29	3.08	0.25454	0.00068	5.630	0.012
1068	10352.6	12.1	1037.37	3.11	0.25522	0.00068	5.642	0.011
1067	10364.7	12.2	1040.48	3.13	0.25590	0.00069	5.653	0.011
1066	10376.9	12.3	1043.61	3.14	0.25659	0.00069	5.664	0.012
1065	10389.2	12.3	1046.75	3.17	0.25728	0.00070	5.676	0.011
1064	10401.5	12.3	1049.92	3.18	0.25798	0.00070	5.687	0.012
1063	10413.8	12.4	1053.10	3.21	0.25868	0.00071	5.699	0.011
1062	10426.2	12.4	1056.31	3.23	0.25939	0.00071	5.710	0.012
1061	10438.6	12.5	1059.54	3.25	0.26010	0.00071	5.722	0.012
1060	10451.1	12.5	1062.79	3.27	0.26081	0.00072	5.734	0.012
1059	10463.6	12.6	1066.06	3.29	0.26153	0.00072	5.746	0.012
1058	10476.2	12.6	1069.35	3.31	0.26225	0.00073	5.758	0.012
1057	10488.8	12.7	1072.66	3.34	0.26298	0.00073	5.770	0.012
1056	10501.5	12.7	1076.00	3.36	0.26371	0.00073	5.782	0.012
1055	10514.2	12.8	1079.36	3.38	0.26444	0.00074	5.794	0.012
1054	10527.0	12.8	1082.74	3.40	0.26518	0.00074	5.806	0.012
1053	10539.8	12.8	1086.14	3.42	0.26592	0.00075	5.818	0.012
1052	10552.6	12.9	1089.56	3.45	0.26667	0.00075	5.830	0.013
1051	10565.5	13.0	1093.01	3.47	0.26742	0.00076	5.843	0.012
1050	10578.5	13.0	1096.48	3.49	0.26818	0.00076	5.855	0.012

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TABLE I.—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
1050	10578.5	13.0	1096.48	3.49	0.26818	0.00076	5.855	0.012
1049	10591.5	13.0	1099.97	3.52	0.26894	0.00076	5.867	0.013
1048	10604.5	13.1	1103.49	3.54	0.26970	0.00077	5.880	0.012
1047	10617.6	13.2	1107.03	3.57	0.27047	0.00077	5.892	0.013
1046	10630.8	13.2	1110.60	3.59	0.27124	0.00078	5.905	0.012
1045	10644.0	13.2	1114.19	3.61	0.27202	0.00078	5.917	0.013
1044	10657.2	13.3	1117.80	3.63	0.27280	0.00078	5.930	0.012
1043	10670.5	13.4	1121.43	3.66	0.27358	0.00079	5.942	0.013
1042	10683.9	13.4	1125.09	3.69	0.27437	0.00080	5.955	0.013
1041	10697.3	13.5	1128.78	3.71	0.27517	0.00080	5.968	0.013
1040	10710.8	13.5	1132.49	3.73	0.27597	0.00080	5.981	0.013
1039	10724.3	13.6	1136.22	3.76	0.27677	0.00081	5.994	0.013
1038	10737.9	13.6	1139.98	3.79	0.27758	0.00082	6.007	0.013
1037	10751.5	13.7	1143.77	3.81	0.27840	0.00082	6.020	0.013
1036	10765.2	13.8	1147.58	3.84	0.27922	0.00082	6.033	0.014
1035	10779.0	13.8	1151.42	3.87	0.28004	0.00083	6.047	0.013
1034	10792.8	13.8	1155.29	3.89	0.28087	0.00083	6.060	0.013
1033	10806.6	13.9	1159.18	3.92	0.28170	0.00084	6.073	0.014
1032	10820.5	13.9	1163.10	3.94	0.28254	0.00084	6.087	0.013
1031	10834.4	14.0	1167.04	3.97	0.28338	0.00085	6.100	0.014
1030	10848.4	14.0	1171.01	4.00	0.28423	0.00085	6.114	0.014
1029	10862.4	14.1	1175.01	4.03	0.28508	0.00086	6.128	0.013
1028	10876.5	14.2	1179.04	4.06	0.28594	0.00086	6.141	0.014
1027	10890.7	14.2	1183.10	4.08	0.28680	0.00087	6.155	0.014
1026	10904.9	14.2	1187.18	4.11	0.28767	0.00087	6.169	0.014
1025	10919.1	14.3	1191.29	4.14	0.28854	0.00088	6.183	0.014
1024	10933.4	14.4	1195.43	4.17	0.28942	0.00088	6.197	0.014
1023	10947.8	14.4	1199.60	4.19	0.29030	0.00089	6.211	0.015
1022	10962.2	14.5	1203.79	4.23	0.29119	0.00089	6.226	0.014
1021	10976.7	14.6	1208.02	4.25	0.29208	0.00090	6.240	0.014
1020	10991.3	14.6	1212.27	4.29	0.29298	0.00090	6.254	0.014
1019	11005.9	14.7	1216.56	4.31	0.29388	0.00091	6.268	0.015
1018	11020.6	14.7	1220.87	4.35	0.29479	0.00092	6.283	0.014
1017	11035.3	14.8	1225.22	4.38	0.29571	0.00092	6.297	0.014
1016	11050.1	14.8	1229.60	4.41	0.29663	0.00093	6.311	0.015
1015	11064.9	14.9	1234.01	4.44	0.29756	0.00093	6.326	0.015
1014	11079.8	15.0	1238.45	4.47	0.29849	0.00094	6.341	0.014
1013	11094.8	15.0	1242.92	4.51	0.29943	0.00094	6.355	0.015
1012	11109.8	15.1	1247.43	4.53	0.30037	0.00095	6.370	0.015
1011	11124.9	15.1	1251.96	4.57	0.30132	0.00095	6.385	0.015
1010	11140.0	15.2	1256.53	4.60	0.30227	0.00096	6.400	0.015
1009	11155.2	15.2	1261.13	4.63	0.30323	0.00096	6.415	0.015
1008	11170.4	15.3	1265.76	4.67	0.30419	0.00097	6.430	0.015
1007	11185.7	15.4	1270.43	4.70	0.30516	0.00098	6.445	0.016
1006	11201.1	15.4	1275.13	4.73	0.30614	0.00098	6.461	0.015
1005	11216.5	15.5	1279.86	4.77	0.30712	0.00099	6.476	0.015
1004	11232.0	15.6	1284.63	4.80	0.30811	0.00099	6.491	0.016
1003	11247.6	15.6	1289.43	4.84	0.30910	0.00100	6.507	0.015
1002	11263.2	15.7	1294.27	4.87	0.31010	0.00101	6.522	0.016
1001	11278.9	15.8	1299.14	4.91	0.31111	0.00101	6.538	0.016
1000	11294.7	15.8	1304.05	4.94	0.31212	0.00102	6.554	0.016

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
1000	11294.7	15.8	1304.05	4.94	0.31212	0.00102	6.554	0.016
999	11310.5	15.9	1308.99	4.98	0.31314	0.00102	6.570	0.016
998	11326.4	16.0	1313.97	5.02	0.31416	0.00103	6.586	0.016
997	11342.4	16.0	1318.99	5.05	0.31519	0.00104	6.602	0.016
996	11358.4	16.1	1324.04	5.09	0.31623	0.00104	6.618	0.016
995	11374.5	16.1	1329.13	5.12	0.31727	0.00105	6.634	0.016
994	11390.6	16.2	1334.25	5.17	0.31832	0.00105	6.650	0.017
993	11406.8	16.3	1339.42	5.20	0.31937	0.00106	6.667	0.016
992	11423.1	16.3	1344.62	5.24	0.32043	0.00107	6.683	0.016
991	11439.4	16.4	1349.86	5.28	0.32150	0.00108	6.699	0.017
990	11455.8	16.5	1355.14	5.32	0.32258	0.00108	6.716	0.017
989	11472.3	16.5	1360.46	5.36	0.32366	0.00109	6.733	0.016
988	11488.8	16.6	1365.82	5.40	0.32475	0.00109	6.749	0.017
987	11505.4	16.6	1371.22	5.44	0.32584	0.00110	6.766	0.017
986	11522.0	16.7	1376.66	5.48	0.32694	0.00111	6.783	0.017
985	11538.7	16.8	1382.14	5.52	0.32805	0.00112	6.800	0.017
984	11555.5	16.9	1387.66	5.56	0.32917	0.00112	6.817	0.017
983	11572.4	16.9	1393.22	5.61	0.33029	0.00113	6.834	0.017
982	11589.3	17.0	1398.83	5.64	0.33142	0.00114	6.851	0.018
981	11606.3	17.1	1404.47	5.69	0.33256	0.00114	6.869	0.017
980	11623.4	17.2	1410.16	5.73	0.33370	0.00115	6.886	0.017
979	11640.6	17.2	1415.89	5.77	0.33485	0.00115	6.903	0.018
978	11657.8	17.3	1421.66	5.82	0.33600	0.00117	6.921	0.018
977	11675.1	17.3	1427.48	5.86	0.33717	0.00117	6.939	0.018
976	11692.4	17.4	1433.34	5.91	0.33834	0.00118	6.957	0.017
975	11709.8	17.5	1439.25	5.95	0.33952	0.00118	6.974	0.018
974	11727.3	17.6	1445.20	6.00	0.34070	0.00119	6.992	0.018
973	11744.9	17.7	1451.20	6.04	0.34189	0.00120	7.010	0.019
972	11762.6	17.7	1457.24	6.09	0.34309	0.00121	7.029	0.018
971	11780.3	17.8	1463.33	6.13	0.34430	0.00122	7.047	0.018
970	11798.1	17.9	1469.46	6.19	0.34552	0.00122	7.065	0.019
969	11816.0	18.0	1475.65	6.24	0.34674	0.00123	7.084	0.018
968	11834.0	18.0	1481.89	6.28	0.34797	0.00124	7.102	0.019
967	11852.0	18.0	1488.17	6.31	0.34921	0.00124	7.121	0.019
966	11870.0	18.1	1494.48	6.35	0.35045	0.00125	7.140	0.018
965	11888.1	18.1	1500.83	6.38	0.35170	0.00125	7.158	0.019
964	11906.2	18.1	1507.21	6.42	0.35295	0.00126	7.177	0.019
963	11924.3	18.2	1513.63	6.45	0.35421	0.00126	7.196	0.019
962	11942.5	18.2	1520.08	6.49	0.35547	0.00127	7.215	0.019
961	11960.7	18.3	1526.57	6.53	0.35674	0.00127	7.234	0.01
960	11979.0	18.3	1533.10	6.56	0.35801	0.00128	7.253	0.019
959	11997.3	18.3	1539.66	6.61	0.35929	0.00128	7.272	0.019
958	12015.6	18.4	1546.27	6.64	0.36057	0.00129	7.291	0.019
957	12034.0	18.4	1552.91	6.67	0.36186	0.00129	7.310	0.019
956	12052.4	18.4	1559.58	6.72	0.36315	0.00130	7.329	0.020
955	12070.8	18.5	1566.30	6.75	0.36445	0.00131	7.349	0.019
954	12089.3	18.6	1573.05	6.79	0.36576	0.00131	7.368	0.019
953	12107.9	18.5	1579.84	6.83	0.36707	0.00132	7.387	0.020
952	12126.4	18.6	1586.67	6.87	0.36839	0.00132	7.407	0.019
951	12145.0	18.7	1593.54	6.90	0.36971	0.00133	7.426	0.020
950	12163.7	18.7	1600.44	6.94	0.37104	0.00133	7.446	0.020

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
950	12163.7	18.7	1600.44	6.94	0.37104	0.00133	7.446	0.020
949	12182.4	18.7	1607.38	6.99	0.37237	0.00134	7.466	0.019
948	12201.1	18.8	1614.37	7.03	0.37371	0.00134	7.485	0.020
947	12219.9	18.8	1621.40	7.06	0.37505	0.00135	7.505	0.020
946	12238.7	18.8	1628.46	7.11	0.37640	0.00136	7.525	0.020
945	12257.5	18.9	1635.57	7.15	0.37776	0.00136	7.545	0.020
944	12276.4	19.0	1642.72	7.19	0.37912	0.00137	7.565	0.020
943	12295.4	18.9	1649.91	7.23	0.38049	0.00137	7.585	0.021
942	12314.3	19.0	1657.14	7.27	0.38186	0.00138	7.606	0.020
941	12333.3	19.1	1664.41	7.31	0.38324	0.00139	7.626	0.020
940	12352.4	19.1	1671.72	7.36	0.38463	0.00139	7.646	0.020
939	12371.5	19.1	1679.08	7.40	0.38602	0.00140	7.666	0.021
938	12390.6	19.2	1686.48	7.44	0.38742	0.00140	7.687	0.020
937	12409.8	19.2	1693.92	7.48	0.38882	0.00141	7.707	0.021
936	12429.0	19.2	1701.40	7.53	0.39023	0.00142	7.728	0.020
935	12448.2	19.3	1708.93	7.57	0.39165	0.00142	7.748	0.021
934	12467.5	19.3	1716.50	7.62	0.39307	0.00143	7.769	0.020
933	12486.8	19.4	1724.12	7.66	0.39450	0.00143	7.789	0.021
932	12506.2	19.4	1731.78	7.70	0.39593	0.00144	7.810	0.021
931	12525.6	19.5	1739.48	7.74	0.39737	0.00145	7.831	0.021
930	12545.1	19.5	1747.22	7.79	0.39882	0.00145	7.852	0.021
929	12564.6	19.6	1755.01	7.84	0.40027	0.00146	7.873	0.021
928	12584.2	19.6	1762.85	7.88	0.40173	0.00146	7.894	0.021
927	12603.8	19.6	1770.73	7.92	0.40319	0.00147	7.915	0.021
926	12623.4	19.7	1778.65	7.98	0.40466	0.00148	7.936	0.022
925	12643.1	19.7	1786.63	8.02	0.40614	0.00148	7.958	0.021
924	12662.8	19.8	1794.65	8.07	0.40762	0.00149	7.979	0.021
923	12682.6	19.8	1802.72	8.11	0.40911	0.00150	8.000	0.022
922	12702.4	19.8	1810.83	8.16	0.41061	0.00150	8.022	0.021
921	12722.2	19.9	1818.99	8.21	0.41211	0.00151	8.043	0.022
920	12742.1	19.9	1827.20	8.25	0.41362	0.00152	8.065	0.022
919	12762.0	20.0	1835.45	8.31	0.41514	0.00152	8.087	0.021
918	12782.0	20.0	1843.76	8.36	0.41666	0.00153	8.108	0.022
917	12802.0	20.0	1852.12	8.40	0.41819	0.00153	8.130	0.022
916	12822.0	20.1	1860.52	8.45	0.41972	0.00154	8.152	0.022
915	12842.1	20.2	1868.97	8.51	0.42126	0.00155	8.174	0.022
914	12862.3	20.2	1877.48	8.55	0.42281	0.00156	8.196	0.022
913	12882.5	20.2	1886.03	8.60	0.42437	0.00156	8.218	0.023
912	12902.7	20.3	1894.63	8.66	0.42593	0.00157	8.241	0.022
911	12923.0	20.3	1903.29	8.70	0.42750	0.00158	8.263	0.022
910	12943.3	20.4	1911.99	8.76	0.42908	0.00158	8.285	0.022
909	12963.7	20.4	1920.75	8.81	0.43066	0.00159	8.307	0.023
908	12984.1	20.4	1929.56	8.86	0.43225	0.00160	8.330	0.022
907	13004.5	20.5	1938.42	8.91	0.43385	0.00161	8.352	0.023
906	13025.0	20.6	1947.33	8.97	0.43546	0.00161	8.375	0.022
905	13045.6	20.6	1956.30	9.02	0.43707	0.00162	8.397	0.023
904	13066.2	20.6	1965.32	9.07	0.43869	0.00163	8.420	0.023
903	13086.8	20.7	1974.39	9.12	0.44032	0.00163	8.443	0.023
902	13107.5	20.7	1983.51	9.18	0.44195	0.00164	8.466	0.023
901	13128.2	20.8	1992.69	9.23	0.44359	0.00165	8.489	0.023
900	13149.0	20.8	2001.92	9.28	0.44524	0.00165	8.512	0.023

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
900	13149.0	20.8	2001.92	9.28	0.44524	0.00165	8.512	0.023
899	13169.8	20.9	2011.20	9.34	0.44689	0.00167	8.535	0.023
898	13190.7	20.9	2020.54	9.40	0.44856	0.00167	8.558	0.024
897	13211.6	21.0	2029.94	9.46	0.45023	0.00167	8.582	0.023
896	13232.6	21.0	2039.40	9.51	0.45190	0.00169	8.605	0.023
895	13253.6	21.1	2048.91	9.57	0.45359	0.00169	8.628	0.024
894	13274.7	21.1	2058.48	9.63	0.45528	0.00170	8.652	0.024
893	13295.8	21.1	2068.11	9.68	0.45698	0.00171	8.676	0.023
892	13316.9	21.2	2077.79	9.74	0.45869	0.00172	8.699	0.024
891	13338.1	21.3	2087.53	9.80	0.46041	0.00172	8.723	0.024
890	13359.4	21.3	2097.33	9.86	0.46213	0.00173	8.747	0.024
889	13380.7	21.3	2107.19	9.92	0.46386	0.00174	8.771	0.024
888	13402.0	21.4	2117.11	9.98	0.46560	0.00174	8.795	0.024
887	13423.4	21.5	2127.09	10.04	0.46734	0.00176	8.819	0.024
886	13444.9	21.5	2137.13	10.10	0.46910	0.00176	8.843	0.025
885	13466.4	21.5	2147.23	10.17	0.47086	0.00177	8.868	0.024
884	13487.9	21.6	2157.40	10.22	0.47263	0.00177	8.892	0.024
883	13509.5	21.6	2167.62	10.28	0.47440	0.00179	8.916	0.025
882	13531.1	21.7	2177.90	10.34	0.47619	0.00180	8.941	0.024
881	13552.8	21.7	2188.24	10.41	0.47799	0.00180	8.965	0.025
880	13574.5	21.8	2198.65	10.47	0.47979	0.00181	8.990	0.025
879	13596.3	21.8	2209.12	10.53	0.48160	0.00182	9.015	0.025
878	13618.1	21.9	2219.65	10.60	0.48342	0.00183	9.040	0.025
877	13640.0	21.9	2230.25	10.66	0.48525	0.00183	9.065	0.025
876	13661.9	22.0	2240.91	10.73	0.48708	0.00185	9.090	0.025
875	13683.9	22.0	2251.64	10.79	0.48893	0.00185	9.115	0.025
874	13705.9	22.1	2262.43	10.86	0.49078	0.00186	9.140	0.026
873	13728.0	22.1	2273.29	10.92	0.49264	0.00187	9.166	0.025
872	13750.1	22.2	2284.21	10.99	0.49451	0.00188	9.191	0.025
871	13772.3	22.2	2295.20	11.06	0.49639	0.00189	9.216	0.026
870	13794.5	22.3	2306.26	11.12	0.49828	0.00190	9.242	0.026
869	13816.8	22.3	2317.38	11.19	0.50018	0.00190	9.268	0.025
868	13839.1	22.4	2328.57	11.26	0.50208	0.00191	9.293	0.026
867	13861.5	22.4	2339.83	11.33	0.50399	0.00192	9.319	0.026
866	13883.9	22.5	2351.16	11.41	0.50591	0.00193	9.345	0.026
865	13906.4	22.6	2362.57	11.47	0.50784	0.00195	9.371	0.026
864	13929.0	22.6	2374.04	11.54	0.50979	0.00195	9.397	0.026
863	13951.6	22.6	2385.58	11.61	0.51174	0.00195	9.423	0.026
862	13974.2	22.7	2397.19	11.69	0.51369	0.00197	9.449	0.026
861	13996.9	22.8	2408.88	11.75	0.51566	0.00198	9.475	0.027
860	14019.7	22.8	2420.63	11.83	0.51764	0.00198	9.502	0.027
859	14042.5	22.9	2432.46	11.90	0.51962	0.00200	9.529	0.026
858	14065.4	22.9	2444.36	11.98	0.52162	0.00200	9.555	0.027
857	14088.3	23.0	2456.34	12.05	0.52362	0.00202	9.582	0.027
856	14111.3	23.0	2468.39	12.13	0.52564	0.00202	9.609	0.027
855	14134.3	23.1	2480.52	12.20	0.52766	0.00203	9.636	0.027
854	14157.4	23.1	2492.72	12.28	0.52969	0.00204	9.663	0.027
853	14180.5	23.2	2505.00	12.35	0.53173	0.00206	9.690	0.027
852	14203.7	23.2	2517.35	12.43	0.53379	0.00206	9.717	0.028
851	14226.9	23.3	2529.78	12.50	0.53585	0.00207	9.745	0.027
850	14250.2	23.3	2542.28	12.58	0.53792	0.00208	9.772	0.027

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
850	14250.2	23.3	2542.28	12.58	0.53792	0.00208	9.772	0.027
849	14273.5	23.4	2554.86	12.66	0.54000	0.00209	9.799	0.028
848	14296.9	23.5	2567.52	12.74	0.54209	0.00210	9.827	0.028
847	14320.4	23.5	2580.26	12.83	0.54419	0.00211	9.855	0.027
846	14343.9	23.6	2593.09	12.90	0.54630	0.00212	9.882	0.028
845	14367.5	23.6	2605.99	12.98	0.54842	0.00213	9.910	0.028
844	14391.1	23.7	2618.97	13.07	0.55055	0.00214	9.938	0.028
843	14414.8	23.7	2632.04	13.14	0.55269	0.00216	9.966	0.028
842	14438.5	23.8	2645.18	13.22	0.55485	0.00216	9.994	0.029
841	14462.3	23.9	2658.40	13.31	0.55701	0.00217	10.023	0.028
840	14486.2	23.9	2671.71	13.39	0.55918	0.00218	10.051	0.028
839	14510.1	23.9	2685.10	13.48	0.56136	0.00219	10.079	0.029
838	14534.0	24.0	2698.58	13.56	0.56355	0.00221	10.108	0.028
837	14558.0	24.1	2712.14	13.65	0.56576	0.00221	10.136	0.029
836	14582.1	24.1	2725.79	13.74	0.56797	0.00222	10.165	0.029
835	14606.2	24.2	2739.53	13.82	0.57019	0.00224	10.194	0.029
834	14630.4	24.3	2753.35	13.91	0.57243	0.00225	10.223	0.029
833	14654.7	24.3	2767.26	14.00	0.57468	0.00225	10.252	0.029
832	14679.0	24.4	2781.26	14.09	0.57693	0.00227	10.281	0.030
831	14703.4	24.4	2795.35	14.17	0.57920	0.00228	10.311	0.029
830	14727.8	24.5	2809.52	14.26	0.58148	0.00229	10.340	0.029
829	14752.3	24.5	2823.78	14.36	0.58377	0.00229	10.369	0.030
828	14776.8	24.6	2838.14	14.45	0.58606	0.00231	10.399	0.030
827	14801.4	24.7	2852.59	14.54	0.58837	0.00233	10.429	0.030
826	14826.1	24.7	2867.13	14.64	0.59070	0.00233	10.459	0.030
825	14850.8	24.8	2881.77	14.73	0.59303	0.00234	10.489	0.030
824	14875.6	24.9	2896.50	14.82	0.59537	0.00236	10.519	0.030
823	14900.5	24.9	2911.32	14.92	0.59773	0.00237	10.549	0.030
822	14925.4	25.0	2926.24	15.01	0.60010	0.00238	10.579	0.030
821	14950.4	25.0	2941.25	15.10	0.60248	0.00239	10.609	0.031
820	14975.4	25.1	2956.35	15.20	0.60487	0.00240	10.640	0.031
819	15000.5	25.1	2971.55	15.30	0.60727	0.00241	10.671	0.030
818	15025.6	25.2	2986.85	15.41	0.60968	0.00243	10.701	0.031
817	15050.8	25.3	3002.26	15.50	0.61211	0.00244	10.732	0.031
816	15076.1	25.4	3017.76	15.60	0.61455	0.00245	10.763	0.032
815	15101.5	25.4	3033.36	15.71	0.61700	0.00246	10.795	0.031
814	15126.9	25.5	3049.07	15.80	0.61946	0.00248	10.826	0.031
813	15152.4	25.5	3064.87	15.91	0.62194	0.00249	10.857	0.032
812	15177.9	25.6	3080.78	16.00	0.62443	0.00250	10.889	0.031
811	15203.5	25.6	3096.78	16.11	0.62693	0.00251	10.920	0.032
810	15229.1	25.7	3112.89	16.21	0.62944	0.00252	10.952	0.032
809	15254.8	25.8	3129.10	16.32	0.63196	0.00254	10.984	0.032
808	15280.6	25.8	3145.42	16.43	0.63450	0.00255	11.016	0.032
807	15306.4	25.9	3161.85	16.54	0.63705	0.00256	11.048	0.032
806	15332.3	26.0	3178.39	16.65	0.63961	0.00257	11.080	0.032
805	15358.3	26.0	3195.04	16.75	0.64218	0.00259	11.112	0.032
804	15384.3	26.1	3211.79	16.86	0.64477	0.00260	11.144	0.033
803	15410.4	26.2	3228.65	16.97	0.64737	0.00261	11.177	0.032
802	15436.6	26.2	3245.62	17.08	0.64998	0.00263	11.209	0.033
801	15462.8	26.3	3262.70	17.19	0.65261	0.00264	11.242	0.033
800	15489.1	26.4	3279.89	17.30	0.65525	0.00265	11.275	0.033

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TABLE I—Continued.

u	S (u)	Δ	A (u)	Δ	I (u)	Δ	T (u)	Δ
800	15489.1	26.4	3279.89	17.30	0.65525	0.00265	11.275	0.033
799	15515.5	26.4	3297.19	17.42	0.65790	0.00266	11.308	0.033
798	15541.9	26.5	3314.61	17.53	0.66056	0.00268	11.341	0.033
797	15568.4	26.5	3332.14	17.65	0.66324	0.00269	11.374	0.033
796	15594.9	26.6	3349.79	17.77	0.66593	0.00271	11.407	0.034
795	15621.5	26.7	3367.56	17.89	0.66864	0.00272	11.441	0.033
794	15648.2	26.8	3385.45	18.00	0.67136	0.00273	11.474	0.034
793	15675.0	26.8	3403.45	18.12	0.67409	0.00275	11.508	0.034
792	15701.8	26.9	3421.57	18.24	0.67684	0.00276	11.542	0.034
791	15728.7	26.9	3439.81	18.36	0.67960	0.00278	11.576	0.034
790	15755.6	27.1	3458.17	18.52	0.68238	0.00280	11.610	0.034
789	15782.7	27.1	3476.69	18.62	0.68518	0.00280	11.644	0.035
788	15809.8	27.1	3495.31	18.71	0.68798	0.00282	11.679	0.034
787	15836.9	27.2	3514.02	18.83	0.69080	0.00283	11.713	0.035
786	15864.1	27.2	3532.85	18.92	0.69363	0.00284	11.748	0.034
785	15891.3	27.3	3551.77	19.02	0.69647	0.00285	11.782	0.035
784	15918.6	27.3	3570.79	19.13	0.69932	0.00286	11.817	0.035
783	15945.9	27.3	3589.92	19.23	0.70218	0.00287	11.852	0.035
782	15973.2	27.4	3609.15	19.33	0.70505	0.00288	11.887	0.035
781	16000.6	27.4	3628.48	19.44	0.70793	0.00289	11.922	0.035
780	16028.0	27.4	3647.92	19.54	0.71082	0.00290	11.957	0.035
779	16055.4	27.5	3667.46	19.65	0.71372	0.00292	11.992	0.035
778	16082.9	27.5	3687.11	19.75	0.71664	0.00292	12.027	0.036
777	16110.4	27.5	3706.86	19.86	0.71956	0.00294	12.063	0.035
776	16137.9	27.6	3726.72	19.97	0.72250	0 00295	12.098	0.035
775	16165.5	27.6	3746.69	20.07	0.72545	0.00296	12.133	0.036
774	16193.1	27.6	3766.76	20.18	0.72841	0.00297	12.169	0.036
773	16220.7	27.7	3786.94	20.29	0.73138	0.00299	12.205	0.036
772	16248.4	27.7	3807.23	20.39	0.73437	0.00299	12.241	0.036
771	16276.1	27.8	3827.62	20.51	0.73736	0.00301	12.277	0.036
770	16303.9	27.8	3848.13	20.62	0.74037	0.00302	12.313	0.036
769	16331.7	27.8	3868.75	20.72	0.74339	0.00303	12.349	0.037
768	16359.5	27.9	3889.47	20.84	0.74642	0.00304	12.386	0.036
767	16387.4	27.9	3910.31	20.95	0.74946	0.00306	12.422	0.036
766	16415.3	27.9	3931.26	21.07	0.75252	0.00307	12.458	0.037
765	16443.2	28.0	3952.33	21.17	0.75559	0.00308	12.495	0.037
764	16471.2	28.0	3973.50	21.29	0.75867	0.00309	12.532	0.036
763	16499.2	28.1	3994.79	21.41	0.76176	0.00310	12.568	0.037
762	16527.3	28.1	4016.20	21.52	0.76486	0.00311	12.605	0.037
761	16555.4	28.1	4037.72	21.64	0.76797	0.00313	12.642	0.037
760	16583.5	28.1	4059.36	21.76	0.77110	0.00314	12.679	0.037
759	16611.6	28.2	4081.12	21.88	0.77424	0.00315	12.716	0.037
758	16639.8	28.2	4103.00	22.00	0.77739	0.00316	12.753	0.038
757	16668.0	28.3	4125.00	22.11	0.78055	0.00318	12.791	0.037
756	16696.3	28.3	4147.11	22.23	0.78373	0.00319	12.828	0.037
755	16724.6	28.3	4169.34	22.35	0.78692	0.00320	12.865	0.038
754	16752.9	28.4	4191.69	22.47	0.79012	0.00322	12.903	0.038
753	16781.3	28.4	4214.16	22.59	0.79334	0.00322	12.941	0.037
752	16809.7	28.5	4236.75	22.70	0.79656	0.00324	12.978	0.038
751	16838.2	28.5	4259.45	22.83	0.79980	0.00326	13.016	0.038
750	16866.7	28.5	4282.28	22.96	0.80306	0.00327	13.054	0.038

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
750	16866.7	28.5	4282.28	22.96	0.80306	0.00327	13.054	0.038
749	16895.2	28.6	4305.24	23.09	0.80633	0.00328	13.092	0.038
748	16923.8	28.6	4328.33	23.21	0.80961	0.00329	13.130	0.038
747	16952.4	28.7	4351.54	23.33	0.81290	0.00331	13.168	0.039
746	16981.1	28.7	4374.87	23.46	0.81621	0.00332	13.207	0.038
745	17009.8	28.7	4398.33	23.59	0.81953	0.00333	13.245	0.039
744	17038.5	28.8	4421.92	23.72	0.82286	0.00335	13.284	0.038
743	17067.3	28.8	4445.64	23.84	0.82621	0.00336	13.322	0.039
742	17096.1	28.8	4469.48	23.98	0.82957	0.00337	13.361	0.039
741	17124.9	28.9	4493.46	24.10	0.83294	0.00339	13.400	0.039
740	17153.8	28.9	4517.56	24.23	0.83633	0.00340	13.439	0.039
739	17182.7	29.0	4541.79	24.37	0.83973	0.00341	13.478	0.039
738	17211.7	29.0	4566.16	24.50	0.84314	0.00343	13.517	0.040
737	17240.7	29.0	4590.66	24.63	0.84657	0.00344	13.557	0.039
736	17269.7	29.1	4615.29	24.76	0.85001	0.00346	13.596	0.039
735	17298.8	29.1	4640.05	24.90	0.85347	0.00347	13.635	0.040
734	17327.9	29.1	4664.95	25.04	0.85694	0.00349	13.675	0.040
733	17357.0	29.2	4689.99	25.17	0.86043	0.00350	13.715	0.040
732	17386.2	29.2	4715.16	25.30	0.86393	0.00351	13.755	0.040
731	17415.4	29.3	4740.46	25.45	0.86744	0.00353	13.795	0.040
730	17444.7	29.3	4765.91	25.59	0.87097	0.00354	13.835	0.040
729	17474.0	29.3	4791.50	25.72	0.87451	0.00356	13.875	0.041
728	17503.3	29.4	4817.22	25.87	0.87807	0.00358	13.916	0.040
727	17532.7	29.5	4843.09	26.00	0.88165	0.00359	13.956	0.040
726	17562.2	29.5	4869.09	26.15	0.88524	0.00360	13.996	0.041
725	17591.7	29.5	4895.24	26.29	0.88884	0.00361	14.037	0.041
724	17621.2	29.5	4921.53	26.43	0.89245	0.00363	14.078	0.041
723	17650.7	29.6	4947.96	26.57	0.89608	0.00365	14.119	0.041
722	17680.3	29.7	4974.53	26.72	0.89973	0.00366	14.160	0.041
721	17710.0	29.7	5001.25	26.87	0.90339	0.00368	14.201	0.041
720	17739.7	29.8	5028.12	27.01	0.90707	0.00369	14.242	0.041
719	17769.5	29.8	5055.13	27.16	0.91076	0.00371	14.283	0.042
718	17799.3	29.8	5082.29	27.31	0.91447	0.00372	14.325	0.041
717	17829.1	29.9	5109.60	27.46	0.91819	0.00374	14.366	0.042
716	17859.0	29.9	5137.06	27.61	0.92193	0.00376	14.408	0.041
715	17888.9	30.0	5164.67	27.76	0.92569	0.00377	14.449	0.042
714	17918.9	30.0	5192.43	27.92	0.92946	0.00379	14.491	0.042
713	17948.9	30.0	5220.35	28.06	0.93325	0.00380	14.533	0.043
712	17978.9	30.1	5248.41	28.22	0.93705	0.00382	14.576	0.042
711	18009.0	30.1	5276.63	28.38	0.94087	0.00383	14.618	0.042
710	18039.1	30.1	5305.01	28.53	0.94470	0.00385	14.660	0.042
709	18069.2	30.1	5333.54	28.69	0.94855	0.00387	14.702	0.043
708	18099.3	30.2	5362.23	28.85	0.95242	0.00388	14.745	0.043
707	18129.5	30.3	5391.08	29.01	0.95630	0.00390	14.788	0.042
706	18159.8	30.3	5420.09	29.16	0.96020	0.00392	14.830	0.043
705	18190.1	30.3	5449.25	29.33	0.96412	0.00394	14.873	0.043
704	18220.4	30.4	5478.58	29.49	0.96806	0.00395	14.916	0.043
703	18250.8	30.4	5508.07	29.65	0.97201	0.00397	14.959	0.044
702	18281.2	30.5	5537.72	29.81	0.97598	0.00398	15.003	0.043
701	18311.7	30.5	5567.53	29.98	0.97996	0.00400	15.046	0.044
700	18342.2	30.6	5597.51	30.15	0.98396	0.00402	15.090	0.044

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
800	15489.1	26.4	3279.89	17.30	0.65525	0.00265	11.275	0.033
799	15515.5	26.4	3297.19	17.42	0.65790	0.00266	11.308	0.033
798	15541.9	26.5	3314.61	17.53	0.66056	0.00268	11.341	0.033
797	15568.4	26.5	3332.14	17.65	0.66324	0.00269	11.374	0.033
796	15594.9	26.6	3349.79	17.77	0.66593	0.00271	11.407	0.034
795	15621.5	26.7	3367.56	17.89	0.66864	0.00272	11.441	0.033
794	15648.2	26.8	3385.45	18.00	0.67136	0.00273	11.474	0.034
793	15675.0	26.8	3403.45	18.12	0.67409	0.00275	11.508	0.034
792	15701.8	26.9	3421.57	18.24	0.67684	0.00276	11.542	0.034
791	15728.7	26.9	3439.81	18.36	0.67960	0.00278	11.576	0.034
790	15755.6	27.1	3458.17	18.52	0.68238	0.00280	11.610	0.034
789	15782.7	27.1	3476.69	18.62	0.68518	0.00280	11.644	0.035
788	15809.8	27.1	3495.31	18.71	0.68798	0.00282	11.679	0.034
787	15836.9	27.2	3514.02	18.83	0.69080	0.00283	11.713	0.035
786	15864.1	27.2	3532.85	18.92	0.69363	0.00284	11.748	0.034
785	15891.3	27.3	3551.77	19.02	0.69647	0.00285	11.782	0.035
784	15918.6	27.3	3570.79	19.13	0.69932	0.00286	11.817	0.035
783	15945.9	27.3	3589.92	19.23	0.70218	0.00287	11.852	0.035
782	15973.2	27.4	3609.15	19.33	0.70505	0.00288	11.887	0.035
781	16000.6	27.4	3628.48	19.44	0.70793	0.00289	11.922	0.035
780	16028.0	27.4	3647.92	19.54	0.71082	0.00290	11.957	0.035
779	16055.4	27.5	3667.46	19.65	0.71372	0.00292	11.992	0.035
778	16082.9	27.5	3687.11	19.75	0.71664	0.00292	12.027	0.036
777	16110.4	27.5	3706.86	19.86	0.71956	0.00294	12.063	0.035
776	16137.9	27.6	3726.72	19.97	0.72250	0 00295	12.098	0.035
775	16165.5	27.6	3746.69	20.07	0.72545	0.00296	12.133	0.036
774	16193.1	27.6	3766.76	20.18	0.72841	0.00297	12.169	0.036
773	16220.7	27.7	3786.94	20.29	0.73138	0.00299	12.205	0.036
772	16248.4	27.7	3807.23	20.39	0.73437	0.00299	12.241	0.036
771	16276.1	27.8	3827.62	20.51	0.73736	0.00301	12.277	0.036
770	16303.9	27.8	3848.13	20.62	0.74037	0.00302	12.313	0.036
769	16331.7	27.8	3868.75	20.72	0.74339	0.00303	12.349	0.037
768	16359.5	27.9	3889.47	20.84	0.74642	0.00304	12.386	0.036
767	16387.4	27.9	3910.31	20.95	0.74946	0.00306	12.422	0.036
766	16415.3	27.9	3931.26	21.07	0.75252	0.00307	12.458	0.037
765	16443.2	28.0	3952.33	21.17	0.75559	0.00308	12.495	0.037
764	16471.2	28.0	3973.50	21.29	0.75867	0.00309	12.532	0.036
763	16499.2	28.1	3994.79	21.41	0.76176	0.00310	12.568	0.037
762	16527.3	28.1	4016.20	21.52	0.76486	0.00311	12.605	0.037
761	16555.4	28.1	4037.72	21.64	0.76797	0.00313	12.642	0.037
760	16583.5	28.1	4059.36	21.76	0.77110	0.00314	12.679	0.037
759	16611.6	28.2	4081.12	21.88	0.77424	0.00315	12.716	0.037
758	16639.8	28.2	4103.00	22.00	0.77739	0.00316	12.753	0.038
757	16668.0	28.3	4125.00	22.11	0.78055	0.00318	12.791	0.037
756	16696.3	28.3	4147.11	22.23	0.78373	0.00319	12.828	0.037
755	16724.6	28.3	4169.34	22.35	0.78692	0.00320	12.865	0.038
754	16752.9	28.4	4191.69	22.47	0.79012	0.00322	12.903	0.038
753	16781.3	28.4	4214.16	22.59	0.79334	0.00322	12.941	0.037
752	16809.7	28.5	4236.75	22.70	0.79656	0.00324	12.978	0.038
751	16838.2	28.5	4259.45	22.83	0.79980	0.00326	13.016	0.038
750	16866.7	28.5	4282.28	22.96	0.80306	0.00327	13.054	0.038

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
750	16866.7	28.5	4282.28	22.96	0.80306	0.00327	13.054	0.038
749	16895.2	28.6	4305.24	23.09	0.80633	0.00328	13.092	0.038
748	16923.8	28.6	4328.33	23.21	0.80961	0.00329	13.130	0.038
747	16952.4	28.7	4351.54	23.33	0.81290	0.00331	13.168	0.039
746	16981.1	28.7	4374.87	23.46	0.81621	0.00332	13.207	0.038
745	17009.8	28.7	4398.33	23.59	0.81953	0.00333	13.245	0.039
744	17038.5	28.8	4421.92	23.72	0.82286	0.00335	13.284	0.038
743	17067.3	28.8	4445.64	23.84	0.82621	0.00336	13.322	0.039
742	17096.1	28.8	4469.48	23.98	0.82957	0.00337	13.361	0.039
741	17124.9	28.9	4493.46	24.10	0.83294	0.00339	13.400	0.039
740	17153.8	28.9	4517.56	24.23	0.83633	0.00340	13.439	0.039
739	17182.7	29.0	4541.79	24.37	0.83973	0.00341	13.478	0.039
738	17211.7	29.0	4566.16	24.50	0.84314	0.00343	13.517	0.040
737	17240.7	29.0	4590.66	24.63	0.84657	0.00344	13.557	0.039
736	17269.7	29.1	4615.29	24.76	0.85001	0.00346	13.596	0.039
735	17298.8	29.1	4640.05	24.90	0.85347	0.00347	13.635	0.040
734	17327.9	29.1	4664.95	25.04	0.85694	0.00349	13.675	0.040
733	17357.0	29.2	4689.99	25.17	0.86043	0.00350	13.715	0.040
732	17386.2	29.2	4715.16	25.30	0.86393	0.00351	13.755	0.040
731	17415.4	29.3	4740.46	25.45	0.86744	0.00353	13.795	0.040
730	17444.7	29.3	4765.91	25.59	0.87097	0.00354	13.835	0.040
729	17474.0	29.3	4791.50	25.72	0.87451	0.00356	13.875	0.041
728	17503.3	29.4	4817.22	25.87	0.87807	0.00358	13.916	0.040
727	17532.7	29.5	4843.09	26.00	0.88165	0.00359	13.956	0.040
726	17562.2	29.5	4869.09	26.15	0.88524	0.00360	13.996	0.041
725	17591.7	29.5	4895.24	26.29	0.88884	0.00361	14.037	0.041
724	17621.2	29.5	4921.53	26.43	0.89245	0.00363	14.078	0.041
723	17650.7	29.6	4947.96	26.57	0.89608	0.00365	14.119	0.041
722	17680.3	29.7	4974.53	26.72	0.89973	0.00366	14.160	0.041
721	17710.0	29.7	5001.25	26.87	0.90339	0.00368	14.201	0.041
720	17739.7	29.8	5028.12	27.01	0.90707	0.00369	14.242	0.041
719	17769.5	29.8	5055.13	27.16	0.91076	0.00371	14.283	0.042
718	17799.3	29.8	5082.29	27.31	0.91447	0.00372	14.325	0.041
717	17829.1	29.9	5109.60	27.46	0.91819	0.00374	14.366	0.042
716	17859.0	29.9	5137.06	27.61	0.92193	0.00376	14.408	0.041
715	17888.9	30.0	5164.67	27.76	0.92569	0.00377	14.449	0.042
714	17918.9	30.0	5192.43	27.92	0.92946	0.00379	14.491	0.042
713	17948.9	30.0	5220.35	28.06	0.93325	0.00380	14.533	0.043
712	17978.9	30.1	5248.41	28.22	0.93705	0.00382	14.576	0.042
711	18009.0	30.1	5276.63	28.38	0.94087	0.00383	14.618	0.042
710	18039.1	30.1	5305.01	28.53	0.94470	0.00385	14.660	0.042
709	18069.2	30.1	5333.54	28.69	0.94855	0.00387	14.702	0.043
708	18099.3	30.2	5362.23	28.85	0.95242	0.00388	14.745	0.043
707	18129.5	30.3	5391.08	29.01	0.95630	0.00390	14.788	0.042
706	18159.8	30.3	5420.09	29.16	0.96020	0.00392	14.830	0.043
705	18190.1	30.3	5449.25	29.33	0.96412	0.00394	14.873	0.043
704	18220.4	30.4	5478.58	29.49	0.96806	0.00395	14.916	0.043
703	18250.8	30.4	5508.07	29.65	0.97201	0.00397	14.959	0.044
702	18281.2	30.5	5537.72	29.81	0.97598	0.00398	15.003	0.043
701	18311.7	30.5	5567.53	29.98	0.97996	0.00400	15.046	0.044
700	18342.2	30.6	5597.51	30.15	0.98396	0.00402	15.090	0.044

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
700	18342.2	30.6	5597.51	30.15	0.98396	0.00402	15.090	0.044
699	18372.8	30.6	5627.66	30.31	0.98798	0.00404	15.134	0.043
698	18403.4	30.6	5657.97	30.48	0.99202	0.00405	15.177	0.044
697	18434.0	30.7	5688.45	30.64	0.99607	0.00407	15.221	0.045
696	18464.7	30.8	5719.09	30.82	1.00014	0.00409	15.266	0.044
695	18495.5	30.8	5749.91	30.99	1.00423	0.00411	15.310	0.044
694	18526.3	30.8	5780.90	31.15	1.00834	0.00412	15.354	0.045
693	18557.1	30.9	5812.05	31.33	1.01246	0.00414	15.399	0.044
692	18588.0	30.9	5843.38	31.50	1.01660	0.00416	15.443	0.045
691	18618.9	31.0	5874.88	31.68	1.02076	0.00418	15.488	0.045
690	18649.9	31.0	5906.56	31.85	1.02494	0.00420	15.533	0.045
689	18680.9	31.0	5938.41	32.03	1.02914	0.00421	15.578	0.045
688	18711.9	31.1	5970.44	32.21	1.03335	0.00423	15.623	0.046
687	18743.0	31.1	6002.65	32.39	1.03758	0.00425	15.669	0.045
686	18774.1	31.2	6035.04	32.57	1.04183	0.00427	15.714	0.045
685	18805.3	31.3	6067.61	32.74	1.04610	0.00429	15.759	0.046
684	18836.6	31.3	6100.35	32.93	1.05039	0.00431	15.805	0.046
683	18867.9	31.3	6133.28	33.12	1.05470	0.00433	15.851	0.046
682	18899.2	31.4	6166.40	33.30	1.05903	0.00434	15.897	0.046
681	18930.6	31.4	6199.70	33.48	1.06337	0.00437	15.943	0.046
680	18962.0	31.5	6233.18	33.67	1.06774	0.00438	15.989	0.046
679	18993.5	31.5	6266.85	33.86	1.07212	0.00441	16.035	0.047
678	19025.0	31.6	6300.71	34.05	1.07653	0.00442	16.082	0.046
677	19056.6	31.6	6334.76	34.25	1.08095	0.00445	16.128	0.047
676	19088.2	31.7	6369.01	34.43	1.08540	0.00446	16.175	0.046
675	19119.9	31.7	6403.44	34.62	1.08986	0.00448	16.221	0.047
674	19151.6	31.7	6438.06	34.82	1.09434	0.00450	16.268	0.048
673	19183.3	31.8	6472.88	35.01	1.09884	0.00453	16.316	0.047
672	19215.1	31.9	6507.89	35.21	1.10337	0.00454	16.363	0.047
671	19247.0	31.9	6543.10	35.41	1.10791	0.00456	16.410	0.048
670	19278.9	31.9	6578.51	35.61	1.11247	0.00458	16.458	0.048
669	19310.8	32.0	6614.12	35.81	1.11705	0.00460	16.506	0.048
668	19342.8	32.0	6649.93	36.01	1.12165	0.00462	16.554	0.048
667	19374.8	32.1	6685.94	36.21	1.12627	0.00465	16.602	0.048
666	19406.9	32.1	6722.15	36.42	1.13092	0.00467	16.650	0.048
665	19439.0	32.2	6758.57	36.62	1.13559	0.00468	16.698	0.049
664	19471.2	32.2	6795.19	36.83	1.14027	0.00471	16.747	0.048
663	19503.4	32.3	6832.02	37.03	1.14498	0.00473	16.795	0.049
662	19535.7	32.3	6869.05	37.24	1.14971	0.00475	16.844	0.049
661	19568.0	32.4	6906.29	37.46	1.15446	0.00478	16.893	0.049
660	19600.4	32.4	6943.75	37.67	1.15924	0.00480	16.942	0.049
659	19632.8	32.5	6981.42	37.88	1.16404	0.00482	16.991	0.049
658	19665.3	32.5	7019.30	38.10	1.16886	0.00484	17.040	0.050
657	19697.8	32.6	7057.40	38.31	1.17370	0.00486	17.090	0.049
656	19730.4	32.6	7095.71	38.53	1.17856	0.00488	17.139	0.050
655	19763.0	32.7	7134.24	38.75	1.18344	0.00491	17.189	0.050
654	19795.7	32.7	7172.99	38.97	1.18835	0.00493	17.239	0.050
653	19828.4	32.8	7211.96	39.18	1.19328	0.00495	17.289	0.050
652	19861.2	32.8	7251.14	39.41	1.19823	0.00497	17.339	0.050
651	19894.0	32.9	7290.55	39.64	1.20320	0.00500	17.389	0.051
650	19926.9	32.9	7330.19	39.86	1.20820	0.00502	17.440	0.051

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TABLE 1—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
650	19926.9	32.9	7330.19	39.86	1.20820	0.00502	17.440	0.051
649	19959.8	33.0	7370.05	40.09	1.21322	0.00504	17.491	0.051
648	19992.8	33.0	7410.14	40.32	1.21826	0.00507	17.542	0.051
647	20025.8	33.1	7450.46	40.56	1.22333	0.00509	17.593	0.051
646	20058.9	33.1	7491.02	40.78	1.22842	0.00511	17.644	0.052
645	20092.0	33.2	7531.80	41.01	1.23353	0.00514	17.696	0.051
644	20125.2	33.3	7572.81	41.25	1.23867	0.00516	17.747	0.052
643	20158.5	33.3	7614.06	41.49	1.24383	0.00518	17.799	0.052
642	20191.8	33.3	7655.55	41.72	1.24901	0.00521	17.851	0.052
641	20225.1	33.4	7697.27	41.96	1.25422	0.00524	17.903	0.052
640	20258.5	33.4	7739.23	42.21	1.25946	0.00526	17.955	0.052
639	20291.9	33.5	7781.44	42.44	1.26472	0.00528	18.007	0.053
638	20325.4	33.6	7823.88	42.69	1.27000	0.00531	18.060	0.052
637	20359.0	33.6	7866.57	42.94	1.27531	0.00534	18.112	0.053
636	20392.6	33.6	7909.51	43.19	1.28065	0.00536	18.165	0.053
635	20426.2	33.7	7952.70	43.43	1.28601	0.00538	18.218	0.053
634	20459.9	33.8	7996.13	43.68	1.29139	0.00541	18.271	0.053
633	20493.7	33.8	8039.81	43.94	1.29680	0.00544	18.324	0.054
632	20527.5	33.9	8083.75	44.18	1.30224	0.00546	18.378	0.053
631	20561.4	33.9	8127.93	44.45	1.30770	0.00549	18.431	0.054
630	20595.3	34.0	8172.38	44.70	1.31319	0.00551	18.485	0.054
629	20629.3	34.0	8217.08	44.96	1.31870	0.00554	18.539	0.054
628	20663.3	34.1	8262.04	45.22	1.32424	0.00557	18.593	0.054
627	20697.4	34.1	8307.26	45.49	1.32981	0.00560	18.647	0.054
626	20731.5	34.2	8352.75	45.75	1.33541	0.00562	18.701	0.055
625	20765.7	34.3	8398.50	46.02	1.34103	0.00564	18.756	0.055
624	20800.0	34.3	8444.52	46.28	1.34667	0.00568	18.811	0.055
623	20834.3	34.3	8490.80	46.56	1.35235	0.00570	18.866	0.055
622	20868.6	34.4	8537.36	46.83	1.35805	0.00573	18.921	0.055
621	20903.0	34.5	8584.19	47.10	1.36378	0.00576	18.976	0.056
620	20937.5	34.5	8631.29	47.38	1.36954	0.00579	19.032	0.056
619	20972.0	34.6	8678.67	47.66	1.37533	0.00581	19.088	0.056
618	21006.6	34.6	8726.33	47.93	1.38114	0.00584	19.144	0.056
617	21041.2	34.7	8774.26	48.22	1.38698	0.00587	19.200	0.056
616	21075.9	34.7	8822.48	48.49	1.39285	0.00590	19.256	0.057
615	21110.6	34.8	8870.97	48.78	1.39875	0.00593	19.313	0.056
614	21145.4	34.9	8919.75	49.07	1.40468	0.00596	19.369	0.057
613	21180.3	34.9	8968.82	49.36	1.41064	0.00598	19.426	0.057
612	21215.2	35.0	9018.18	49.64	1.41662	0.00602	19.483	0.058
611	21250.2	35.0	9067.82	49.94	1.42264	0.00604	19.541	0.057
610	21285.2	35.1	9117.76	50.23	1.42868	0.00607	19.598	0.057
609	21320.3	35.1	9167.99	50.53	1.43475	0.00611	19.655	0.058
608	21355.4	35.2	9218.52	50.82	1.44086	0.00613	19.713	0.058
607	21390.6	35.3	9269.34	51.13	1.44699	0.00617	19.771	0.058
606	21425.9	35.3	9320.47	51.43	1.45316	0.00619	19.829	0.058
605	21461.2	35.4	9371.90	51.74	1.45935	0.00623	19.887	0.059
604	21496.6	35.4	9423.64	52.04	1.46558	0.00626	19.946	0.059
603	21532.0	35.5	9475.68	52.36	1.47184	0.00629	20.005	0.059
602	21567.5	35.6	9528.04	52.66	1.47813	0.00632	20.064	0.059
601	21603.1	35.6	9580.70	52.98	1.48445	0.00635	20.123	0.059
600	21638.7	35.7	9633.68	53.30	1.49080	0.00638	20.182	0.059

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
600	21638.7	35.7	9633.68	53.30	1.49080	0.00638	20.182	0.059
599	21674.4	35.7	9686.98	53.62	1.49718	0.00642	20.241	0.060
598	21710.1	35.8	9740.60	53.94	1.50360	0.00645	20.301	0.060
597	21745.9	35.8	9794.54	54.25	1.51005	0.00648	20.361	0.060
596	21781.7	35.9	9848.79	54.58	1.51653	0.00652	20.421	0.060
595	21817.6	36.0	9903.37	54.91	1.52305	0.00654	20.481	0.061
594	21853.6	36.0	9958.28	55.23	1.52959	0.00658	20.542	0.061
593	21889.6	36.1	10013.50	55.6	1.53617	0.00661	20.603	0.061
592	21925.7	36.2	10069.10	55.9	1.54278	0.00665	20.664	0.061
591	21961.9	36.2	10125.00	56.2	1.54943	0.00668	20.725	0.061
590	21998.1	36.3	10181.20	56.6	1.55611	0.00671	20.786	0.061
589	22034.4	36.3	10237.80	56.9	1.56282	0.00675	20.847	0.062
588	22070.7	36.4	10294.70	57.2	1.56957	0.00679	20.909	0.062
587	22107.1	36.4	10351.90	57.6	1.57636	0.00681	20.971	0.062
586	22143.5	36.5	10409.50	58.0	1.58317	0.00685	21.033	0.063
585	22180.0	36.6	10467.50	58.3	1.59002	0.00689	21.096	0.062
584	22216.6	36.7	10525.80	58.6	1.59691	0.00693	21.158	0.063
583	22253.3	36.7	10584.40	59.0	1.60384	0.00696	21.221	0.063
582	22290.0	36.8	10643.40	59.4	1.61080	0.00699	21.284	0.063
581	22326.8	36.8	10702.80	59.7	1.61779	0.00703	21.347	0.064
580	22363.6	36.9	10762.50	60.1	1.62482	0.00707	21.411	0.064
579	22400.5	37.0	10822.60	60.4	1.63189	0.00710	21.475	0.064
578	22437.5	37.0	10883.00	60.9	1.63899	0.00714	21.539	0.064
577	22474.5	37.1	10943.90	61.2	1.64613	0.00718	21.603	0.064
576	22511.6	37.1	11005.10	61.5	1.65331	0.00721	21.667	0.065
575	22548.7	37.2	11066.60	62.0	1.66052	0.00726	21.732	0.064
574	22585.9	37.3	11128.60	62.3	1.66778	0.00729	21.796	0.065
573	22623.2	37.4	11190.90	62.7	1.67507	0.00733	21.861	0.066
572	22660.6	37.4	11253.60	63.1	1.68240	0.00737	21.927	0.065
571	22698.0	37.5	11316.70	63.5	1.68977	0.00741	21.992	0.066
570	22735.5	37.6	11380.20	63.9	1.69718	0.00745	22.058	0.066
569	22773.1	37.6	11444.10	64.2	1.70463	0.00748	22.124	0.066
568	22810.7	37.7	11508.30	64.7	1.71211	0.00753	22.190	0.067
567	22848.4	37.7	11573.00	65.0	1.71964	0.00757	22.257	0.066
566	22886.1	37.9	11638.00	65.5	1.72721	0.00761	22.323	0.067
565	22924.0	37.9	11703.50	65.8	1.73482	0.00764	22.390	0.067
564	22961.9	37.9	11769.30	66.3	1.74246	0.00769	22.457	0.068
563	22999.8	38.0	11835.6	66.7	1.75015	0.00773	22.525	0.067
562	23037.8	38.1	11902.3	67.1	1.75788	0.00777	22.592	0.068
561	23075.9	38.2	11969.4	67.5	1.76565	0.00781	22.660	0.068
560	23114.1	38.2	12036.9	67.9	1.77346	0.00785	22.728	0.068
559	23152.3	38.3	12104.8	68.4	1.78131	0.00790	22.796	0.069
558	23190.6	38.3	12173.2	68.8	1.78921	0.00794	22.865	0.069
557	23228.9	38.4	12242.0	69.2	1.79715	0.00798	22.934	0.069
556	23267.3	38.5	12311.2	69.7	1.80513	0.00802	23.003	0.069
555	23305.8	38.6	12380.9	70.1	1.81315	0.00807	23.072	0.069
554	23344.4	38.7	12451.0	70.5	1.82122	0.00811	23.141	0.070
553	23383.1	38.7	12521.5	70.9	1.82933	0.00816	23.211	0.070
552	23421.8	38.7	12592.4	71.4	1.83749	0.00820	23.281	0.070
551	23460.5	38.9	12663.8	71.9	1.84569	0.00824	23.351	0.071
550	23499.4	38.9	12735.7	72.3	1.85393	0.00829	23.422	0.071

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
550	23499.4	38.9	12735.7	72.3	1.85393	0.00829	23.422	0.071
549	23538.3	39.0	12808.0	72.8	1.86222	0.00833	23.493	0.071
548	23577.3	39.1	12880.8	73.2	1.87055	0.00838	23.564	0.071
547	23616.4	39.1	12954.0	73.7	1.87893	0.00843	23.635	0.072
546	23655.5	39.2	13027.7	74.1	1.88736	0.00847	23.707	0.072
545	23694.7	39.3	13101.8	74.6	1.89583	0.00852	23.779	0.072
544	23734.0	39.3	13176.4	75.1	1.90435	0.00857	23.851	0.072
543	23773.3	39.4	13251.5	75.6	1.91292	0.00861	23.923	0.073
542	23812.7	39.5	13327.1	76.0	1.92153	0.00867	23.996	0.073
541	23852.2	39.6	13403.1	76.6	1.93020	0.00871	24.069	0.073
540	23891.8	39.6	13479.7	77.0	1.93891	0.00878	24.142	0.073
539	23931.4	39.7	13556.7	77.6	1.94767	0.00881	24.215	0.074
538	23971.1	39.8	13634.3	78.0	1.95648	0.00886	24.289	0.074
537	24010.9	39.9	13712.3	78.5	1.96534	0.00891	24.363	0.074
536	24050.8	39.9	13790.8	79.0	1.97425	0.00896	24.437	0.075
535	24090.7	40.0	13869.8	79.5	1.98321	0.00901	24.512	0.075
534	24130.7	40.1	13949.3	80.1	1.99222	0.00905	24.587	0.075
533	24170.8	40.1	14029.4	80.5	2.00127	0.00912	24.662	0.075
532	24210.9	40.3	14109.9	81.1	2.01039	0.00916	24.737	0.076
531	24251.2	40.3	14191.0	81.6	2.01955	0.00921	24.813	0.076
530	24291.5	40.4	14272.6	82.1	2.02876	0.00926	24.889	0.076
529	24331.9	40.5	14354.7	82.7	2.03802	0.00932	24.965	0.077
528	24372.4	40.5	14437.4	83.2	2.04734	0.00937	25.042	0.077
527	24412.9	40.6	14520.6	83.7	2.05671	0.00942	25.119	0.077
526	24453.5	40.7	14604.3	84.3	2.06613	0.00948	25.196	0.077
525	24494.2	40.8	14688.6	84.9	2.07561	0.00954	25.273	0.078
524	24535.0	40.9	14773.5	85.4	2.08515	0.00959	25.351	0.078
523	24575.9	40.9	14858.9	85.9	2.09474	0.00964	25.429	0.078
522	24616.8	41.0	14944.8	86.5	2.10438	0.00970	25.507	0.079
521	24657.8	41.1	15031.3	87.0	2.11408	0.00975	25.586	0.079
520	24698.9	41.1	15118.3	87.6	2.12383	0.00981	25.665	0.079
519	24740.0	41.2	15205.9	88.2	2.13364	0.00987	25.744	0.080
518	24781.2	41.3	15294.1	88.8	2.14351	0.00992	25.824	0.080
517	24822.5	41.4	15382.9	89.4	2.15343	0.00999	25.904	0.080
516	24863.9	41.5	15472.3	90.0	2.16342	0.01004	25.984	0.081
515	24905.4	41.5	15562.3	90.5	2.17346	0.01010	26.065	0.081
514	24946.9	41.7	15652.8	91.2	2.18356	0.01015	26.146	0.081
513	24988.6	41.7	15744.0	91.7	2.19371	0.01022	26.227	0.081
512	25030.3	41.8	15835.7	92.3	2.20393	0.01028	26.308	0.082
511	25072.1	41.9	15928.0	93.0	2.21421	0.01034	26.390	0.082
510	25114.0	42.0	16021.0	93.6	2.22455	0.01040	26.472	0.082
509	25156.0	42.0	16114.6	94.2	2.23495	0.01046	26.554	0.083
508	25198.0	42.2	16208.8	94.8	2.24541	0.01052	26.637	0.083
507	25240.2	42.2	16303.6	95.5	2.25593	0.01059	26.720	0.083
506	25282.4	42.3	16399.1	96.1	2.26652	0.01065	26.803	0.084
505	25324.7	42.4	16495.2	96.8	2.27717	0.01071	26.887	0.084
504	25367.1	42.5	16592.0	97.4	2.28788	0.01077	26.971	0.084
503	25409.6	42.6	16689.4	98.0	2.29865	0.01084	27.055	0.085
502	25452.2	42.7	16787.4	98.7	2.30949	0.01091	27.140	0.085
501	25494.9	42.7	16886.1	99.4	2.32040	0.01097	27.225	0.085
500	25537.6	42.8	16985.5	100.1	2.33137	0.01104	27.310	0.086

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
900	13149.0	20.8	2001.92	9.28	0.44524	0.00165	8.512	0.023
899	13169.8	20.9	2011.20	9.34	0.44689	0.00167	8.535	0.023
898	13190.7	20.9	2020.54	9.40	0.44856	0.00167	8.558	0.024
897	13211.6	21.0	2029.94	9.46	0.45023	0.00167	8.582	0.023
896	13232.6	21.0	2039.40	9.51	0.45190	0.00169	8.605	0.023
895	13253.6	21.1	2048.91	9.57	0.45359	0.00169	8.628	0.024
894	13274.7	21.1	2058.48	9.63	0.45528	0.00170	8.652	0.024
893	13295.8	21.1	2068.11	9.68	0.45698	0.00171	8.676	0.023
892	13316.9	21.2	2077.79	9.74	0.45869	0.00172	8.699	0.024
891	13338.1	21.3	2087.53	9.80	0.46041	0.00172	8.723	0.024
890	13359.4	21.3	2097.33	9.86	0.46213	0.00173	8.747	0.024
889	13380.7	21.3	2107.19	9.92	0.46386	0.00174	8.771	0.024
888	13402.0	21.4	2117.11	9.98	0.46560	0.00174	8.795	0.024
887	13423.4	21.5	2127.09	10.04	0.46734	0.00176	8.819	0.024
886	13444.9	21.5	2137.13	10.10	0.46910	0.00176	8.843	0.025
885	13466.4	21.5	2147.23	10.17	0.47086	0.00177	8.868	0.024
884	13487.9	21.6	2157.40	10.22	0.47263	0.00177	8.892	0.024
883	13509.5	21.6	2167.62	10.28	0.47440	0.00179	8.916	0.025
882	13531.1	21.7	2177.90	10.34	0.47619	0.00180	8.941	0.024
881	13552.8	21.7	2188.24	10.41	0.47799	0.00180	8.965	0.025
880	13574.5	21.8	2198.65	10.47	0.47979	0.00181	8.990	0.025
879	13596.3	21.8	2209.12	10.53	0.48160	0.00182	9.015	0.025
878	13618.1	21.9	2219.65	10.60	0.48342	0.00183	9.040	0.025
877	13640.0	21.9	2230.25	10.66	0.48525	0.00183	9.065	0.025
876	13661.9	22.0	2240.91	10.73	0.48708	0.00185	9.090	0.025
875	13683.9	22.0	2251.64	10.79	0.48893	0.00185	9.115	0.025
874	13705.9	22.1	2262.43	10.86	0.49078	0.00186	9.140	0.026
873	13728.0	22.1	2273.29	10.92	0.49264	0.00187	9.166	0.025
872	13750.1	22.2	2284.21	10.99	0.49451	0.00188	9.191	0.025
871	13772.3	22.2	2295.20	11.06	0.49639	0.00189	9.216	0.026
870	13794.5	22.3	2306.26	11.12	0.49828	0.00190	9.242	0.026
869	13816.8	22.3	2317.38	11.19	0.50018	0.00190	9.268	0.025
868	13839.1	22.4	2328.57	11.26	0.50208	0.00191	9.293	0.026
867	13861.5	22.4	2339.83	11.33	0.50399	0.00192	9.319	0.026
866	13883.9	22.5	2351.16	11.41	0.50591	0.00193	9.345	0.026
865	13906.4	22.6	2362.57	11.47	0.50784	0.00195	9.371	0.026
864	13929.0	22.6	2374.04	11.54	0.50979	0.00195	9.397	0.026
863	13951.6	22.6	2385.58	11.61	0.51174	0.00195	9.423	0.026
862	13974.2	22.7	2397.19	11.69	0.51369	0.00197	9.449	0.026
861	13996.9	22.8	2408.88	11.75	0.51566	0.00198	9.475	0.027
860	14019.7	22.8	2420.63	11.83	0.51764	0.00198	9.502	0.027
859	14042.5	22.9	2432.46	11.90	0.51962	0.00200	9.529	0.026
858	14065.4	22.9	2444.36	11.98	0.52162	0.00200	9.555	0.027
857	14088.3	23.0	2456.34	12.05	0.52362	0.00202	9.582	0.027
856	14111.3	23.0	2468.39	12.13	0.52564	0.00202	9.609	0.027
855	14134.3	23.1	2480.52	12.20	0.52766	0.00203	9.636	0.027
854	14157.4	23.1	2492.72	12.28	0.52969	0.00204	9.663	0.027
853	14180.5	23.2	2505.00	12.35	0.53173	0.00206	9.690	0.027
852	14203.7	23.2	2517.35	12.43	0.53379	0.00206	9.717	0.028
851	14226.9	23.3	2529.78	12.50	0.53585	0.00207	9.745	0.027
850	14250.2	23.3	2542.28	12.58	0.53792	0.00208	9.772	0.027

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
850	14250.2	23.3	2542.28	12.58	0.53792	0.00208	9.772	0.027
849	14273.5	23.4	2554.86	12.66	0.54000	0.00209	9.799	0.028
848	14296.9	23.5	2567.52	12.74	0.54209	0.00210	9.827	0.028
847	14320.4	23.5	2580.26	12.83	0.54419	0.00211	9.855	0.027
846	14343.9	23.6	2593.09	12.90	0.54630	0.00212	9.882	0.028
845	14367.5	23.6	2605.99	12.98	0.54842	0.00213	9.910	0.028
844	14391.1	23.7	2618.97	13.07	0.55055	0.00214	9.938	0.028
843	14414.8	23.7	2632.04	13.14	0.55269	0.00216	9.966	0.028
842	14438.5	23.8	2645.18	13.22	0.55485	0.00216	9.994	0.029
841	14462.3	23.9	2658.40	13.31	0.55701	0.00217	10.023	0.028
840	14486.2	23.9	2671.71	13.39	0.55918	0.00218	10.051	0.028
839	14510.1	23.9	2685.10	13.48	0.56136	0.00219	10.079	0.029
838	14534.0	24.0	2698.58	13.56	0.56355	0.00221	10.108	0.028
837	14558.0	24.1	2712.14	13.65	0.56576	0.00221	10.136	0.029
836	14582.1	24.1	2725.79	13.74	0.56797	0.00222	10.165	0.029
835	14606.2	24.2	2739.53	13.82	0.57019	0.00224	10.194	0.029
834	14630.4	24.3	2753.35	13.91	0.57243	0.00225	10.223	0.029
833	14654.7	24.3	2767.26	14.00	0.57468	0.00225	10.252	0.029
832	14679.0	24.4	2781.26	14.09	0.57693	0.00227	10.281	0.030
831	14703.4	24.4	2795.35	14.17	0.57920	0.00228	10.311	0.029
830	14727.8	24.5	2809.52	14.26	0.58148	0.00229	10.340	0.029
829	14752.3	24.5	2823.78	14.36	0.58377	0.00229	10.369	0.030
828	14776.8	24.6	2838.14	14.45	0.58606	0.00231	10.399	0.030
827	14801.4	24.7	2852.59	14.54	0.58837	0.00233	10.429	0.030
826	14826.1	24.7	2867.13	14.64	0.59070	0.00233	10.459	0.030
825	14850.8	24.8	2881.77	14.73	0.59303	0.00234	10.489	0.030
824	14875.6	24.9	2896.50	14.82	0.59537	0.00236	10.519	0.030
823	14900.5	24.9	2911.32	14.92	0.59773	0.00237	10.549	0.030
822	14925.4	25.0	2926.24	15.01	0.60010	0.00238	10.579	0.030
821	14950.4	25.0	2941.25	15.10	0.60248	0.00239	10.609	0.031
820	14975.4	25.1	2956.35	15.20	0.60487	0.00240	10.640	0.031
819	15000.5	25.1	2971.55	15.30	0.60727	0.00241	10.671	0.030
818	15025.6	25.2	2986.85	15.41	0.60968	0.00243	10.701	0.031
817	15050.8	25.3	3002.26	15.50	0.61211	0.00244	10.732	0.031
816	15076.1	25.4	3017.76	15.60	0.61455	0.00245	10.763	0.032
815	15101.5	25.4	3033.36	15.71	0.61700	0.00246	10.795	0.031
814	15126.9	25.5	3049.07	15.80	0.61946	0.00248	10.826	0.031
813	15152.4	25.5	3064.87	15.91	0.62194	0.00249	10.857	0.032
812	15177.9	25.6	3080.78	16.00	0.62443	0.00250	10.889	0.031
811	15203.5	25.6	3096.78	16.11	0.62693	0.00251	10.920	0.032
810	15229.1	25.7	3112.89	16.21	0.62944	0.00252	10.952	0.032
809	15254.8	25.8	3129.10	16.32	0.63196	0.00254	10.984	0.032
808	15280.6	25.8	3145.42	16.43	0.63450	0.00255	11.016	0.032
807	15306.4	25.9	3161.85	16.54	0.63705	0.00256	11.048	0.032
806	15332.3	26.0	3178.39	16.65	0.63961	0.00257	11.080	0.032
805	15358.3	26.0	3195.04	16.75	0.64218	0.00259	11.112	0.032
804	15384.3	26.1	3211.79	16.86	0.64477	0.00260	11.144	0.033
803	15410.4	26.2	3228.65	16.97	0.64737	0.00261	11.177	0.032
802	15436.6	26.2	3245.62	17.08	0.64998	0.00263	11.209	0.033
801	15462.8	26.3	3262.70	17.19	0.65261	0.00264	11.242	0.033
800	15489.1	26.4	3279.89	17.30	0.65525	0.00265	11.275	0.033

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
900	13149.0	20.8	2001.92	9.28	0.44524	0.00165	8.512	0.023
899	13169.8	20.9	2011.20	9.34	0.44689	0.00167	8.535	0.023
898	13190.7	20.9	2020.54	9.40	0.44856	0.00167	8.558	0.024
897	13211.6	21.0	2029.94	9.46	0.45023	0.00167	8.582	0.023
896	13232.6	21.0	2039.40	9.51	0.45190	0.00169	8.605	0.023
895	13253.6	21.1	2048.91	9.57	0.45359	0.00169	8.628	0.024
894	13274.7	21.1	2058.48	9.63	0.45528	0.00170	8.652	0.024
893	13295.8	21.1	2068.11	9.68	0.45698	0.00171	8.676	0.023
892	13316.9	21.2	2077.79	9.74	0.45869	0.00172	8.699	0.024
891	13338.1	21.3	2087.53	9.80	0.46041	0.00172	8.723	0.024
890	13359.4	21.3	2097.33	9.86	0.46213	0.00173	8.747	0.024
889	13380.7	21.3	2107.19	9.92	0.46386	0.00174	8.771	0.024
888	13402.0	21.4	2117.11	9.98	0.46560	0.00174	8.795	0.024
887	13423.4	21.5	2127.09	10.04	0.46734	0.00176	8.819	0.024
886	13444.9	21.5	2137.13	10.10	0.46910	0.00176	8.843	0.025
885	13466.4	21.5	2147.23	10.17	0.47086	0.00177	8.868	0.024
884	13487.9	21.6	2157.40	10.22	0.47263	0.00177	8.892	0.024
883	13509.5	21.6	2167.62	10.28	0.47440	0.00179	8.916	0.025
882	13531.1	21.7	2177.90	10.34	0.47619	0.00180	8.941	0.024
881	13552.8	21.7	2188.24	10.41	0.47799	0.00180	8.965	0.025
880	13574.5	21.8	2198.65	10.47	0.47979	0.00181	8.990	0.025
879	13596.3	21.8	2209.12	10.53	0.48160	0.00182	9.015	0.025
878	13618.1	21.9	2219.65	10.60	0.48342	0.00183	9.040	0.025
877	13640.0	21.9	2230.25	10.66	0.48525	0.00183	9.065	0.025
876	13661.9	22.0	2240.91	10.73	0.48708	0.00185	9.090	0.025
875	13683.9	22.0	2251.64	10.79	0.48893	0.00185	9.115	0.025
874	13705.9	22.1	2262.43	10.86	0.49078	0.00186	9.140	0.026
873	13728.0	22.1	2273.29	10.92	0.49264	0.00187	9.166	0.025
872	13750.1	22.2	2284.21	10.99	0.49451	0.00188	9.191	0.025
871	13772.3	22.2	2295.20	11.06	0.49639	0.00189	9.216	0.026
870	13794.5	22.3	2306.26	11.12	0.49828	0.00190	9.242	0.026
869	13816.8	22.3	2317.38	11.19	0.50018	0.00190	9.268	0.025
868	13839.1	22.4	2328.57	11.26	0.50208	0.00191	9.293	0.026
867	13861.5	22.4	2339.83	11.33	0.50399	0.00192	9.319	0.026
866	13883.9	22.5	2351.16	11.41	0.50591	0.00193	9.345	0.026
865	13906.4	22.6	2362.57	11.47	0.50784	0.00195	9.371	0.026
864	13929.0	22.6	2374.04	11.54	0.50979	0.00195	9.397	0.026
863	13951.6	22.6	2385.58	11.61	0.51174	0.00195	9.423	0.026
862	13974.2	22.7	2397.19	11.69	0.51369	0.00197	9.449	0.026
861	13996.9	22.8	2408.88	11.75	0.51566	0.00198	9.475	0.027
860	14019.7	22.8	2420.63	11.83	0.51764	0.00198	9.502	0.027
859	14042.5	22.9	2432.46	11.90	0.51962	0.00200	9.529	0.026
858	14065.4	22.9	2444.36	11.98	0.52162	0.00200	9.555	0.027
857	14088.3	23.0	2456.34	12.05	0.52362	0.00202	9.582	0.027
856	14111.3	23.0	2468.39	12.13	0.52564	0.00202	9.609	0.027
855	14134.3	23.1	2480.52	12.20	0.52766	0.00203	9.636	0.027
854	14157.4	23.1	2492.72	12.28	0.52969	0.00204	9.663	0.027
853	14180.5	23.2	2505.00	12.35	0.53173	0.00206	9.690	0.027
852	14203.7	23.2	2517.35	12.43	0.53379	0.00206	9.717	0.028
851	14226.9	23.3	2529.78	12.50	0.53585	0.00207	9.745	0.027
850	14250.2	23.3	2542.28	12.58	0.53792	0.00208	9.772	0.027

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
850	14250.2	23.3	2542.28	12.58	0.53792	0.00208	9.772	0.027
849	14273.5	23.4	2554.86	12.66	0.54000	0.00209	9.799	0.028
848	14296.9	23.5	2567.52	12.74	0.54209	0.00210	9.827	0.028
847	14320.4	23.5	2580.26	12.83	0.54419	0.00211	9.855	0.027
846	14343.9	23.6	2593.09	12.90	0.54630	0.00212	9.882	0.028
845	14367.5	23.6	2605.99	12.98	0.54842	0.00213	9.910	0.028
844	14391.1	23.7	2618.97	13.07	0.55055	0.00214	9.938	0.028
843	14414.8	23.7	2632.04	13.14	0.55269	0.00216	9.966	0.028
842	14438.5	23.8	2645.18	13.22	0.55485	0.00216	9.994	0.029
841	14462.3	23.9	2658.40	13.31	0.55701	0.00217	10.023	0.028
840	14486.2	23.9	2671.71	13.39	0.55918	0.00218	10.051	0.028
839	14510.1	23.9	2685.10	13.48	0.56136	0.00219	10.079	0.029
838	14534.0	24.0	2698.58	13.56	0.56355	0.00221	10.108	0.028
837	14558.0	24.1	2712.14	13.65	0.56576	0.00221	10.136	0.029
836	14582.1	24.1	2725.79	13.74	0.56797	0.00222	10.165	0.029
835	14606.2	24.2	2739.53	13.82	0.57019	0.00224	10.194	0.029
834	14630.4	24.3	2753.35	13.91	0.57243	0.00225	10.223	0.029
833	14654.7	24.3	2767.26	14.00	0.57468	0.00225	10.252	0.029
832	14679.0	24.4	2781.26	14.09	0.57693	0.00227	10.281	0.030
831	14703.4	24.4	2795.35	14.17	0.57920	0.00228	10.311	0.029
830	14727.8	24.5	2809.52	14.26	0.58148	0.00229	10.340	0.029
829	14752.3	24.5	2823.78	14.36	0.58377	0.00229	10.369	0.030
828	14776.8	24.6	2838.14	14.45	0.58606	0.00231	10.399	0.030
827	14801.4	24.7	2852.59	14.54	0.58837	0.00233	10.429	0.030
826	14826.1	24.7	2867.13	14.64	0.59070	0.00233	10.459	0.030
825	14850.8	24.8	2881.77	14.73	0.59303	0.00234	10.489	0.030
824	14875.6	24.9	2896.50	14.82	0.59537	0.00236	10.519	0.030
823	14900.5	24.9	2911.32	14.92	0.59773	0.00237	10.549	0.030
822	14925.4	25.0	2926.24	15.01	0.60010	0.00238	10.579	0.030
821	14950.4	25.0	2941.25	15.10	0.60248	0.00239	10.609	0.031
820	14975.4	25.1	2956.35	15.20	0.60487	0.00240	10.640	0.031
819	15000.5	25.1	2971.55	15.30	0.60727	0.00241	10.671	0.030
818	15025.6	25.2	2986.85	15.41	0.60968	0.00243	10.701	0.031
817	15050.8	25.3	3002.26	15.50	0.61211	0.00244	10.732	0.031
816	15076.1	25.4	3017.76	15.60	0.61455	0.00245	10.763	0.032
815	15101.5	25.4	3033.36	15.71	0.61700	0.00246	10.795	0.031
814	15126.9	25.5	3049.07	15.80	0.61946	0.00248	10.826	0.031
813	15152.4	25.5	3064.87	15.91	0.62194	0.00249	10.857	0.032
812	15177.9	25.6	3080.78	16.00	0.62443	0.00250	10.889	0.031
811	15203.5	25.6	3096.78	16.11	0.62693	0.00251	10.920	0.032
810	15229.1	25.7	3112.89	16.21	0.62944	0.00252	10.952	0.032
809	15254.8	25.8	3129.10	16.32	0.63196	0.00254	10.984	0.032
808	15280.6	25.8	3145.42	16.43	0.63450	0.00255	11.016	0.032
807	15306.4	25.9	3161.85	16.54	0.63705	0.00256	11.048	0.032
806	15332.3	26.0	3178.39	16.65	0.63961	0.00257	11.080	0.032
805	15358.3	26.0	3195.04	16.75	0.64218	0.00259	11.112	0.032
804	15384.3	26.1	3211.79	16.86	0.64477	0.00260	11.144	0.033
803	15410.4	26.2	3228.65	16.97	0.64737	0.00261	11.177	0.032
802	15436.6	26.2	3245.62	17.08	0.64998	0.00263	11.209	0.033
801	15462.8	26.3	3262.70	17.19	0.65261	0.00264	11.242	0.033
800	15489.1	26.4	3279.89	17.30	0.65525	0.00265	11.275	0.033

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
800	15489.1	26.4	3279.89	17.30	0.65525	0.00265	11.275	0.033
799	15515.5	26.4	3297.19	17.42	0.65790	0.00266	11.308	0.033
798	15541.9	26.5	3314.61	17.53	0.66056	0.00268	11.341	0.033
797	15568.4	26.5	3332.14	17.65	0.66324	0.00269	11.374	0.033
796	15594.9	26.6	3349.79	17.77	0.66593	0.00271	11.407	0.034
795	15621.5	26.7	3367.56	17.89	0.66864	0.00272	11.441	0.033
794	15648.2	26.8	3385.45	18.00	0.67136	0.00273	11.474	0.034
793	15675.0	26.8	3403.45	18.12	0.67409	0.00275	11.508	0.034
792	15701.8	26.9	3421.57	18.24	0.67684	0.00276	11.542	0.034
791	15728.7	26.9	3439.81	18.36	0.67960	0.00278	11.576	0.034
790	15755.6	27.1	3458.17	18.52	0.68238	0.00280	11.610	0.034
789	15782.7	27.1	3476.69	18.62	0.68518	0.00280	11.644	0.035
788	15809.8	27.1	3495.31	18.71	0.68798	0.00282	11.679	0.034
787	15836.9	27.2	3514.02	18.83	0.69080	0.00283	11.713	0.035
786	15864.1	27.2	3532.85	18.92	0.69363	0.00284	11.748	0.034
785	15891.3	27.3	3551.77	19.02	0.69647	0.00285	11.782	0.035
784	15918.6	27.3	3570.79	19.13	0.69932	0.00286	11.817	0.035
783	15945.9	27.3	3589.92	19.23	0.70218	0.00287	11.852	0.035
782	15973.2	27.4	3609.15	19.33	0.70505	0.00288	11.887	0.035
781	16000.6	27.4	3628.48	19.44	0.70793	0.00289	11.922	0.035
780	16028.0	27.4	3647.92	19.54	0.71082	0.00290	11.957	0.035
779	16055.4	27.5	3667.46	19.65	0.71372	0.00292	11.992	0.035
778	16082.9	27.5	3687.11	19.75	0.71664	0.00292	12.027	0.036
777	16110.4	27.5	3706.86	19.86	0.71956	0.00294	12.063	0.035
776	16137.9	27.6	3726.72	19.97	0.72250	0 00295	12.098	0.035
775	16165.5	27.6	3746.69	20.07	0.72545	0.00296	12.133	0.036
774	16193.1	27.6	3766.76	20.18	0.72841	0.00297	12.169	0.036
773	16220.7	27.7	3786.94	20.29	0.73138	0.00299	12.205	0.036
772	16248.4	27.7	3807.23	20.39	0.73437	0.00299	12.241	0.036
771	16276.1	27.8	3827.62	20.51	0.73736	0.00301	12.277	0.036
770	16303.9	27.8	3848.13	20.62	0.74037	0.00302	12.313	0.036
769	16331.7	27.8	3868.75	20.72	0.74339	0.00303	12.349	0.037
768	16359.5	27.9	3889.47	20.84	0.74642	0.00304	12.386	0.036
767	16387.4	27.9	3910.31	20.95	0.74946	0.00306	12.422	0.036
766	16415.3	27.9	3931.26	21.07	0.75252	0.00307	12.458	0.037
765	16443.2	28.0	3952.33	21.17	0.75559	0.00308	12.495	0.037
764	16471.2	28.0	3973.50	21.29	0.75867	0.00309	12.532	0.036
763	16499.2	28.1	3994.79	21.41	0.76176	0.00310	12.568	0.037
762	16527.3	28.1	4016.20	21.52	0.76486	0.00311	12.605	0.037
761	16555.4	28.1	4037.72	21.64	0.76797	0.00313	12.642	0.037
760	16583.5	28.1	4059.36	21.76	0.77110	0.00314	12.679	0.037
759	16611.6	28.2	4081.12	21.88	0.77424	0.00315	12.716	0.037
758	16639.8	28.2	4103.00	22.00	0.77739	0.00316	12.753	0.038
757	16668.0	28.3	4125.00	22.11	0.78055	0.00318	12.791	0.037
756	16696.3	28.3	4147.11	22.23	0.78373	0.00319	12.828	0.037
755	16724.6	28.3	4169.34	22.35	0.78692	0.00320	12.865	0.038
754	16752.9	28.4	4191.69	22.47	0.79012	0.00322	12.903	0.038
753	16781.3	28.4	4214.16	22.59	0.79334	0.00322	12.941	0.037
752	16809.7	28.5	4236.75	22.70	0.79656	0.00324	12.978	0.038
751	16838.2	28.5	4259.45	22.83	0.79980	0.00326	13.016	0.038
750	16866.7	28.5	4282.28	22.96	0.80306	0.00327	13.054	0.038

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
750	16866.7	28.5	4282.28	22.96	0.80306	0.00327	13.054	0.038
749	16895.2	28.6	4305.24	23.09	0.80633	0.00328	13.092	0.038
748	16923.8	28.6	4328.33	23.21	0.80961	0.00329	13.130	0.038
747	16952.4	28.7	4351.54	23.33	0.81290	0.00331	13.168	0.039
746	16981.1	28.7	4374.87	23.46	0.81621	0.00332	13.207	0.038
745	17009.8	28.7	4398.33	23.59	0.81953	0.00333	13.245	0.039
744	17038.5	28.8	4421.92	23.72	0.82286	0.00335	13.284	0.038
743	17067.3	28.8	4445.64	23.84	0.82621	0.00336	13.322	0.039
742	17096.1	28.8	4469.48	23.98	0.82957	0.00337	13.361	0.039
741	17124.9	28.9	4493.46	24.10	0.83294	0.00339	13.400	0.039
740	17153.8	28.9	4517.56	24.23	0.83633	0.00340	13.439	0.039
739	17182.7	29.0	4541.79	24.37	0.83973	0.00341	13.478	0.039
738	17211.7	29.0	4566.16	24.50	0.84314	0.00343	13.517	0.040
737	17240.7	29.0	4590.66	24.63	0.84657	0.00344	13.557	0.039
736	17269.7	29.1	4615.29	24.76	0.85001	0.00346	13.596	0.039
735	17298.8	29.1	4640.05	24.90	0.85347	0.00347	13.635	0.040
734	17327.9	29.1	4664.95	25.04	0.85694	0.00349	13.675	0.040
733	17357.0	29.2	4689.99	25.17	0.86043	0.00350	13.715	0.040
732	17386.2	29.2	4715.16	25.30	0.86393	0.00351	13.755	0.040
731	17415.4	29.3	4740.46	25.45	0.86744	0.00353	13.795	0.040
730	17444.7	29.3	4765.91	25.59	0.87097	0.00354	13.835	0.040
729	17474.0	29.3	4791.50	25.72	0.87451	0.00356	13.875	0.041
728	17503.3	29.4	4817.22	25.87	0.87807	0.00358	13.916	0.040
727	17532.7	29.5	4843.09	26.00	0.88165	0.00359	13.956	0.040
726	17562.2	29.5	4869.09	26.15	0.88524	0.00360	13.996	0.041
725	17591.7	29.5	4895.24	26.29	0.88884	0.00361	14.037	0.041
724	17621.2	29.5	4921.53	26.43	0.89245	0.00363	14.078	0.041
723	17650.7	29.6	4947.96	26.57	0.89608	0.00365	14.119	0.041
722	17680.3	29.7	4974.53	26.72	0.89973	0.00366	14.160	0.041
721	17710.0	29.7	5001.25	26.87	0.90339	0.00368	14.201	0.041
720	17739.7	29.8	5028.12	27.01	0.90707	0.00369	14.242	0.041
719	17769.5	29.8	5055.13	27.16	0.91076	0.00371	14.283	0.042
718	17799.3	29.8	5082.29	27.31	0.91447	0.00372	14.325	0.041
717	17829.1	29.9	5109.60	27.46	0.91819	0.00374	14.366	0.042
716	17859.0	29.9	5137.06	27.61	0.92193	0.00376	14.408	0.041
715	17888.9	30.0	5164.67	27.76	0.92569	0.00377	14.449	0.042
714	17918.9	30.0	5192.43	27.92	0.92946	0.00379	14.491	0.042
713	17948.9	30.0	5220.35	28.06	0.93325	0.00380	14.533	0.043
712	17978.9	30.1	5248.41	28.22	0.93705	0.00382	14.576	0.042
711	18009.0	30.1	5276.63	28.38	0.94087	0.00383	14.618	0.042
710	18039.1	30.1	5305.01	28.53	0.94470	0.00385	14.660	0.042
709	18069.2	30.1	5333.54	28.69	0.94855	0.00387	14.702	0.043
708	18099.3	30.2	5362.23	28.85	0.95242	0.00388	14.745	0.043
707	18129.5	30.3	5391.08	29.01	0.95630	0.00390	14.788	0.042
706	18159.8	30.3	5420.09	29.16	0.96020	0.00392	14.830	0.043
705	18190.1	30.3	5449.25	29.33	0.96412	0.00394	14.873	0.043
704	18220.4	30.4	5478.58	29.49	0.96806	0.00395	14.916	0.043
703	18250.8	30.4	5508.07	29.65	0.97201	0.00397	14.959	0.044
702	18281.2	30.5	5537.72	29.81	0.97598	0.00398	15.003	0.043
701	18311.7	30.5	5567.53	29.98	0.97996	0.00400	15.046	0.044
700	18342.2	30.6	5597.51	30.15	0.98396	0.00402	15.090	0.044

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
700	18342.2	30.6	5597.51	30.15	0.98396	0.00402	15.090	0.044
699	18372.8	30.6	5627.66	30.31	0.98798	0.00404	15.134	0.043
698	18403.4	30.6	5657.97	30.48	0.99202	0.00405	15.177	0.044
697	18434.0	30.7	5688.45	30.64	0.99607	0.00407	15.221	0.045
696	18464.7	30.8	5719.09	30.82	1.00014	0.00409	15.266	0.044
695	18495.5	30.8	5749.91	30.99	1.00423	0.00411	15.310	0.044
694	18526.3	30.8	5780.90	31.15	1.00834	0.00412	15.354	0.045
693	18557.1	30.9	5812.05	31.33	1.01246	0.00414	15.399	0.044
692	18588.0	30.9	5843.38	31.50	1.01660	0.00416	15.443	0.045
691	18618.9	31.0	5874.88	31.68	1.02076	0.00418	15.488	0.045
690	18649.9	31.0	5906.56	31.85	1.02494	0.00420	15.533	0.045
689	18680.9	31.0	5938.41	32.03	1.02914	0.00421	15.578	0.045
688	18711.9	31.1	5970.44	32.21	1.03335	0.00423	15.623	0.046
687	18743.0	31.1	6002.65	32.39	1.03758	0.00425	15.669	0.045
686	18774.1	31.2	6035.04	32.57	1.04183	0.00427	15.714	0.045
685	18805.3	31.3	6067.61	32.74	1.04610	0.00429	15.759	0.046
684	18836.6	31.3	6100.35	32.93	1.05039	0.00431	15.805	0.046
683	18867.9	31.3	6133.28	33.12	1.05470	0.00433	15.851	0.046
682	18899.2	31.4	6166.40	33.30	1.05903	0.00434	15.897	0.046
681	18930.6	31.4	6199.70	33.48	1.06337	0.00437	15.943	0.046
680	18962.0	31.5	6233.18	33.67	1.06774	0.00438	15.989	0.046
679	18993.5	31.5	6266.85	33.86	1.07212	0.00441	16.035	0.047
678	19025.0	31.6	6300.71	34.05	1.07653	0.00442	16.082	0.046
677	19056.6	31.6	6334.76	34.25	1.08095	0.00445	16.128	0.047
676	19088.2	31.7	6369.01	34.43	1.08540	0.00446	16.175	0.046
675	19119.9	31.7	6403.44	34.62	1.08986	0.00448	16.221	0.047
674	19151.6	31.7	6438.06	34.82	1.09434	0.00450	16.268	0.048
673	19183.3	31.8	6472.88	35.01	1.09884	0.00453	16.316	0.047
672	19215.1	31.9	6507.89	35.21	1.10337	0.00454	16.363	0.047
671	19247.0	31.9	6543.10	35.41	1.10791	0.00456	16.410	0.048
670	19278.9	31.9	6578.51	35.61	1.11247	0.00458	16.458	0.048
669	19310.8	32.0	6614.12	35.81	1.11705	0.00460	16.506	0.048
668	19342.8	32.0	6649.93	36.01	1.12165	0.00462	16.554	0.048
667	19374.8	32.1	6685.94	36.21	1.12627	0.00465	16.602	0.048
666	19406.9	32.1	6722.15	36.42	1.13092	0.00467	16.650	0.048
665	19439.0	32.2	6758.57	36.62	1.13559	0.00468	16.698	0.049
664	19471.2	32.2	6795.19	36.83	1.14027	0.00471	16.747	0.048
663	19503.4	32.3	6832.02	37.03	1.14498	0.00473	16.795	0.049
662	19535.7	32.3	6869.05	37.24	1.14971	0.00475	16.844	0.049
661	19568.0	32.4	6906.29	37.46	1.15446	0.00478	16.893	0.049
660	19600.4	32.4	6943.75	37.67	1.15924	0.00480	16.942	0.049
659	19632.8	32.5	6981.42	37.88	1.16404	0.00482	16.991	0.049
658	19665.3	32.5	7019.30	38.10	1.16886	0.00484	17.040	0.050
657	19697.8	32.6	7057.40	38.31	1.17370	0.00486	17.090	0.049
656	19730.4	32.6	7095.71	38.53	1.17856	0.00488	17.139	0.050
655	19763.0	32.7	7134.24	38.75	1.18344	0.00491	17.189	0.050
654	19795.7	32.7	7172.99	38.97	1.18835	0.00493	17.239	0.050
653	19828.4	32.8	7211.96	39.18	1.19328	0.00495	17.289	0.050
652	19861.2	32.8	7251.14	39.41	1.19823	0.00497	17.339	0.050
651	19894.0	32.9	7290.55	39.64	1.20320	0.00500	17.389	0.051
650	19926.9	32.9	7330.19	39.86	1.20820	0.00502	17.440	0.051

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TABLE 1—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
650	19926.9	32.9	7330.19	39.86	1.20820	0.00502	17.440	0.051
649	19959.8	33.0	7370.05	40.09	1.21322	0.00504	17.491	0.051
648	19992.8	33.0	7410.14	40.32	1.21826	0.00507	17.542	0.051
647	20025.8	33.1	7450.46	40.56	1.22333	0.00509	17.593	0.051
646	20058.9	33.1	7491.02	40.78	1.22842	0.00511	17.644	0.052
645	20092.0	33.2	7531.80	41.01	1.23353	0.00514	17.696	0.051
644	20125.2	33.3	7572.81	41.25	1.23867	0.00516	17.747	0.052
643	20158.5	33.3	7614.06	41.49	1.24383	0.00518	17.799	0.052
642	20191.8	33.3	7655.55	41.72	1.24901	0.00521	17.851	0.052
641	20225.1	33.4	7697.27	41.96	1.25422	0.00524	17.903	0.052
640	20258.5	33.4	7739.23	42.21	1.25946	0.00526	17.955	0.052
639	20291.9	33.5	7781.44	42.44	1.26472	0.00528	18.007	0.053
638	20325.4	33.6	7823.88	42.69	1.27000	0.00531	18.060	0.052
637	20359.0	33.6	7866.57	42.94	1.27531	0.00534	18.112	0.053
636	20392.6	33.6	7909.51	43.19	1.28065	0.00536	18.165	0.053
635	20426.2	33.7	7952.70	43.43	1.28601	0.00538	18.218	0.053
634	20459.9	33.8	7996.13	43.68	1.29139	0.00541	18.271	0.053
633	20493.7	33.8	8039.81	43.94	1.29680	0.00544	18.324	0.054
632	20527.5	33.9	8083.75	44.18	1.30224	0.00546	18.378	0.053
631	20561.4	33.9	8127.93	44.45	1.30770	0.00549	18.431	0.054
630	20595.3	34.0	8172.38	44.70	1.31319	0.00551	18.485	0.054
629	20629.3	34.0	8217.08	44.96	1.31870	0.00554	18.539	0.054
628	20663.3	34.1	8262.04	45.22	1.32424	0.00557	18.593	0.054
627	20697.4	34.1	8307.26	45.49	1.32981	0.00560	18.647	0.054
626	20731.5	34.2	8352.75	45.75	1.33541	0.00562	18.701	0.055
625	20765.7	34.3	8398.50	46.02	1.34103	0.00564	18.756	0.055
624	20800.0	34.3	8444.52	46.28	1.34667	0.00568	18.811	0.055
623	20834.3	34.3	8490.80	46.56	1.35235	0.00570	18.866	0.055
622	20868.6	34.4	8537.36	46.83	1.35805	0.00573	18.921	0.055
621	20903.0	34.5	8584.19	47.10	1.36378	0.00576	18.976	0.056
620	20937.5	34.5	8631.29	47.38	1.36954	0.00579	19.032	0.056
619	20972.0	34.6	8678.67	47.66	1.37533	0.00581	19.088	0.056
618	21006.6	34.6	8726.33	47.93	1.38114	0.00584	19.144	0.056
617	21041.2	34.7	8774.26	48.22	1.38698	0.00587	19.200	0.056
616	21075.9	34.7	8822.48	48.49	1.39285	0.00590	19.256	0.057
615	21110.6	34.8	8870.97	48.78	1.39875	0.00593	19.313	0.056
614	21145.4	34.9	8919.75	49.07	1.40468	0.00596	19.369	0.057
613	21180.3	34.9	8968.82	49.36	1.41064	0.00598	19.426	0.057
612	21215.2	35.0	9018.18	49.64	1.41662	0.00602	19.483	0.058
611	21250.2	35.0	9067.82	49.94	1.42264	0.00604	19.541	0.057
610	21285.2	35.1	9117.76	50.23	1.42868	0.00607	19.598	0.057
609	21320.3	35.1	9167.99	50.53	1.43475	0.00611	19.655	0.058
608	21355.4	35.2	9218.52	50.82	1.44086	0.00613	19.713	0.058
607	21390.6	35.3	9269.34	51.13	1.44699	0.00617	19.771	0.058
606	21425.9	35.3	9320.47	51.43	1.45316	0.00619	19.829	0.058
605	21461.2	35.4	9371.90	51.74	1.45935	0.00623	19.887	0.059
604	21496.6	35.4	9423.64	52.04	1.46558	0.00626	19.946	0.059
603	21532.0	35.5	9475.68	52.36	1.47184	0.00629	20.005	0.059
602	21567.5	35.6	9528.04	52.66	1.47813	0.00632	20.064	0.059
601	21603.1	35.6	9580.70	52.98	1.48445	0.00635	20.123	0.059
600	21638.7	35.7	9633.68	53.30	1.49080	0.00638	20.182	0.059

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
600	21638.7	35.7	9633.68	53.30	1.49080	0.00638	20.182	0.059
599	21674.4	35.7	9686.98	53.62	1.49718	0.00642	20.241	0.060
598	21710.1	35.8	9740.60	53.94	1.50360	0.00645	20.301	0.060
597	21745.9	35.8	9794.54	54.25	1.51005	0.00648	20.361	0.060
596	21781.7	35.9	9848.79	54.58	1.51653	0.00652	20.421	0.060
595	21817.6	36.0	9903.37	54.91	1.52305	0.00654	20.481	0.061
594	21853.6	36.0	9958.28	55.23	1.52959	0.00658	20.542	0.061
593	21889.6	36.1	10013.50	55.6	1.53617	0.00661	20.603	0.061
592	21925.7	36.2	10069.10	55.9	1.54278	0.00665	20.664	0.061
591	21961.9	36.2	10125.00	56.2	1.54943	0.00668	20.725	0.061
590	21998.1	36.3	10181.20	56.6	1.55611	0.00671	20.786	0.061
589	22034.4	36.3	10237.80	56.9	1.56282	0.00675	20.847	0.062
588	22070.7	36.4	10294.70	57.2	1.56957	0.00679	20.909	0.062
587	22107.1	36.4	10351.90	57.6	1.57636	0.00681	20.971	0.062
586	22143.5	36.5	10409.50	58.0	1.58317	0.00685	21.033	0.063
585	22180.0	36.6	10467.50	58.3	1.59002	0.00689	21.096	0.062
584	22216.6	36.7	10525.80	58.6	1.59691	0.00693	21.158	0.063
583	22253.3	36.7	10584.40	59.0	1.60384	0.00696	21.221	0.063
582	22290.0	36.8	10643.40	59.4	1.61080	0.00699	21.284	0.063
581	22326.8	36.8	10702.80	59.7	1.61779	0.00703	21.347	0.064
580	22363.6	36.9	10762.50	60.1	1.62482	0.00707	21.411	0.064
579	22400.5	37.0	10822.60	60.4	1.63189	0.00710	21.475	0.064
578	22437.5	37.0	10883.00	60.9	1.63899	0.00714	21.539	0.064
577	22474.5	37.1	10943.90	61.2	1.64613	0.00718	21.603	0.064
576	22511.6	37.1	11005.10	61.5	1.65331	0.00721	21.667	0.065
575	22548.7	37.2	11066.60	62.0	1.66052	0.00726	21.732	0.064
574	22585.9	37.3	11128.60	62.3	1.66778	0.00729	21.796	0.065
573	22623.2	37.4	11190.90	62.7	1.67507	0.00733	21.861	0.066
572	22660.6	37.4	11253.60	63.1	1.68240	0.00737	21.927	0.065
571	22698.0	37.5	11316.70	63.5	1.68977	0.00741	21.992	0.066
570	22735.5	37.6	11380.20	63.9	1.69718	0.00745	22.058	0.066
569	22773.1	37.6	11444.10	64.2	1.70463	0.00748	22.124	0.066
568	22810.7	37.7	11508.30	64.7	1.71211	0.00753	22.190	0.067
567	22848.4	37.7	11573.00	65.0	1.71964	0.00757	22.257	0.066
566	22886.1	37.9	11638.00	65.5	1.72721	0.00761	22.323	0.067
565	22924.0	37.9	11703.50	65.8	1.73482	0.00764	22.390	0.067
564	22961.9	37.9	11769.30	66.3	1.74246	0.00769	22.457	0.068
563	22999.8	38.0	11835.6	66.7	1.75015	0.00773	22.525	0.067
562	23037.8	38.1	11902.3	67.1	1.75788	0.00777	22.592	0.068
561	23075.9	38.2	11969.4	67.5	1.76565	0.00781	22.660	0.068
560	23114.1	38.2	12036.9	67.9	1.77346	0.00785	22.728	0.068
559	23152.3	38.3	12104.8	68.4	1.78131	0.00790	22.796	0.069
558	23190.6	38.3	12173.2	68.8	1.78921	0.00794	22.865	0.069
557	23228.9	38.4	12242.0	69.2	1.79715	0.00798	22.934	0.069
556	23267.3	38.5	12311.2	69.7	1.80513	0.00802	23.003	0.069
555	23305.8	38.6	12380.9	70.1	1.81315	0.00807	23.072	0.069
554	23344.4	38.7	12451.0	70.5	1.82122	0.00811	23.141	0.070
553	23383.1	38.7	12521.5	70.9	1.82933	0.00816	23.211	0.070
552	23421.8	38.7	12592.4	71.4	1.83749	0.00820	23.281	0.070
551	23460.5	38.9	12663.8	71.9	1.84569	0.00824	23.351	0.071
550	23499.4	38.9	12735.7	72.3	1.85393	0.00829	23.422	0.071

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
550	23499.4	38.9	12735.7	72.3	1.85393	0.00829	23.422	0.071
549	23538.3	39.0	12808.0	72.8	1.86222	0.00833	23.493	0.071
548	23577.3	39.1	12880.8	73.2	1.87055	0.00838	23.564	0.071
547	23616.4	39.1	12954.0	73.7	1.87893	0.00843	23.635	0.072
546	23655.5	39.2	13027.7	74.1	1.88736	0.00847	23.707	0.072
545	23694.7	39.3	13101.8	74.6	1.89583	0.00852	23.779	0.072
544	23734.0	39.3	13176.4	75.1	1.90435	0.00857	23.851	0.072
543	23773.3	39.4	13251.5	75.6	1.91292	0.00861	23.923	0.073
542	23812.7	39.5	13327.1	76.0	1.92153	0.00867	23.996	0.073
541	23852.2	39.6	13403.1	76.6	1.93020	0.00871	24.069	0.073
540	23891.8	39.6	13479.7	77.0	1.93891	0.00878	24.142	0.073
539	23931.4	39.7	13556.7	77.6	1.94767	0.00881	24.215	0.074
538	23971.1	39.8	13634.3	78.0	1.95648	0.00886	24.289	0.074
537	24010.9	39.9	13712.3	78.5	1.96534	0.00891	24.363	0.074
536	24050.8	39.9	13790.8	79.0	1.97425	0.00896	24.437	0.075
535	24090.7	40.0	13869.8	79.5	1.98321	0.00901	24.512	0.075
534	24130.7	40.1	13949.3	80.1	1.99222	0.00905	24.587	0.075
533	24170.8	40.1	14029.4	80.5	2.00127	0.00912	24.662	0.075
532	24210.9	40.3	14109.9	81.1	2.01039	0.00916	24.737	0.076
531	24251.2	40.3	14191.0	81.6	2.01955	0.00921	24.813	0.076
530	24291.5	40.4	14272.6	82.1	2.02876	0.00926	24.889	0.076
529	24331.9	40.5	14354.7	82.7	2.03802	0.00932	24.965	0.077
528	24372.4	40.5	14437.4	83.2	2.04734	0.00937	25.042	0.077
527	24412.9	40.6	14520.6	83.7	2.05671	0.00942	25.119	0.077
526	24453.5	40.7	14604.3	84.3	2.06613	0.00948	25.196	0.077
525	24494.2	40.8	14688.6	84.9	2.07561	0.00954	25.273	0.078
524	24535.0	40.9	14773.5	85.4	2.08515	0.00959	25.351	0.078
523	24575.9	40.9	14858.9	85.9	2.09474	0.00964	25.429	0.078
522	24616.8	41.0	14944.8	86.5	2.10438	0.00970	25.507	0.079
521	24657.8	41.1	15031.3	87.0	2.11408	0.00975	25.586	0.079
520	24698.9	41.1	15118.3	87.6	2.12383	0.00981	25.665	0.079
519	24740.0	41.2	15205.9	88.2	2.13364	0.00987	25.744	0.080
518	24781.2	41.3	15294.1	88.8	2.14351	0.00992	25.824	0.080
517	24822.5	41.4	15382.9	89.4	2.15343	0.00999	25.904	0.080
516	24863.9	41.5	15472.3	90.0	2.16342	0.01004	25.984	0.081
515	24905.4	41.5	15562.3	90.5	2.17346	0.01010	26.065	0.081
514	24946.9	41.7	15652.8	91.2	2.18356	0.01015	26.146	0.081
513	24988.6	41.7	15744.0	91.7	2.19371	0.01022	26.227	0.081
512	25030.3	41.8	15835.7	92.3	2.20393	0.01028	26.308	0.082
511	25072.1	41.9	15928.0	93.0	2.21421	0.01034	26.390	0.082
510	25114.0	42.0	16021.0	93.6	2.22455	0.01040	26.472	0.082
509	25156.0	42.0	16114.6	94.2	2.23495	0.01046	26.554	0.083
508	25198.0	42.2	16208.8	94.8	2.24541	0.01052	26.637	0.083
507	25240.2	42.2	16303.6	95.5	2.25593	0.01059	26.720	0.083
506	25282.4	42.3	16399.1	96.1	2.26652	0.01065	26.803	0.084
505	25324.7	42.4	16495.2	96.8	2.27717	0.01071	26.887	0.084
504	25367.1	42.5	16592.0	97.4	2.28788	0.01077	26.971	0.084
503	25409.6	42.6	16689.4	98.0	2.29865	0.01084	27.055	0.085
502	25452.2	42.7	16787.4	98.7	2.30949	0.01091	27.140	0.085
501	25494.9	42.7	16886.1	99.4	2.32040	0.01097	27.225	0.085
500	25537.6	42.8	16985.5	100.1	2.33137	0.01104	27.310	0.086

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
500	25537.6	42.8	16985.5	100.1	2.33137	0.01104	27.310	0.086
499	25580.4	42.9	17085.6	100.7	2.34241	0.01110	27.396	0.086
498	25623.3	43.0	17186.3	101.4	2.35351	0.01117	27.482	0.086
497	25666.3	43.0	17287.7	102.1	2.36468	0.01124	27.568	0.087
496	25709.3	43.2	17389.8	102.8	2.37592	0.01131	27.655	0.087
495	25752.5	43.2	17492.6	103.5	2.38723	0.01137	27.742	0.088
494	25795.7	43.4	17596.1	104.2	2.39860	0.01145	27.830	0.088
493	25839.1	43.4	17700.3	104.9	2.41005	0.01151	27.918	0.088
492	25882.5	43.5	17805.2	105.6	2.42156	0.01158	28.006	0.088
491	25926.0	43.6	17910.8	106.3	2.43314	0.01166	28.094	0.089
490	25969.6	43.7	18017.1	107.1	2.44480	0.01173	28.183	0.089
489	26013.3	43.8	18124.2	107.8	2.45653	0.01180	28.272	0.090
488	26057.1	43.8	18232.0	108.5	2.46833	0.01187	28.362	0.090
487	26100.9	44.0	18340.5	109.3	2.48020	0.01194	28.452	0.090
486	26144.9	44.0	18449.8	110.0	2.49214	0.01202	28.542	0.091
485	26188.9	44.2	18559.8	110.8	2.50416	0.01210	28.633	0.091
484	26233.1	44.2	18670.6	111.6	2.51626	0.01216	28.724	0.091
483	26277.3	44.4	18782.2	112.3	2.52842	0.01225	28.815	0.092
482	26321.7	44.4	18894.5	113.1	2.54067	0.01232	28.907	0.092
481	26366.1	44.5	19007.6	113.9	2.55299	0.01240	28.999	0.093
480	26410.6	44.6	19121.5	114.7	2.56539	0.01248	29.092	0.093
479	26455.2	44.7	19236.2	115.5	2.57787	0.01255	29.185	0.093
478	26499.9	44.7	19351.7	116.3	2.59042	0.01263	29.278	0.094
477	26544.6	44.9	19468.0	117.1	2.60305	0.01272	29.372	0.094
476	26589.5	45.0	19585.1	117.9	2.61577	0.01279	29.466	0.095
475	26634.5	45.0	19703.0	118.8	2.62856	0.01287	29.561	0.095
474	26679.5	45.2	19821.8	119.6	2.64143	0.01296	29.656	0.095
473	26724.7	45.3	19941.4	120.4	2.65439	0.01304	29.751	0.096
472	26770.0	45.3	20061.8	121.3	2.66743	0.01312	29.847	0.096
471	26815.3	45.5	20183.1	122.1	2.68055	0.01321	29.943	0.097
470	26860.8	45.5	20305.2	123.0	2.69376	0.01329	30.040	0.097
469	26906.3	45.7	20428.2	123.9	2.70705	0.01338	30.137	0.098
468	26952.0	45.7	20552.1	124.7	2.72043	0.01346	30.235	0.098
467	26997.7	45.9	20676.8	125.7	2.73389	0.01355	30.333	0.098
466	27043.6	45.9	20802.5	126.5	2.74744	0.01364	30.431	0.099
465	27089.5	46.0	20929.0	127.4	2.76108	0.01372	30.530	0.099
464	27135.5	46.2	21056.4	128.4	2.77480	0.01382	30.629	0.100
463	27181.7	46.2	21184.8	129.2	2.78862	0.01390	30.729	0.100
462	27227.9	46.4	21314.0	130.2	2.80252	0.01399	30.829	0.100
461	27274.3	46.4	21444.2	131.1	2.81651	0.01409	30.929	0.101
460	27320.7	46.5	21575.3	132.1	2.83060	0.01418	31.030	0.101
459	27367.2	46.7	21707.4	133.0	2.84478	0.01427	31.131	0.102
458	27413.9	46.7	21840.4	134.0	2.85905	0.01436	31.233	0.102
457	27460.6	46.8	21974.4	134.9	2.87341	0.01446	31.335	0.103
456	27507.4	47.0	22109.3	135.9	2.88787	0.01456	31.438	0.103
455	27554.4	47.0	22245.2	136.9	2.90243	0.01465	31.541	0.103
454	27601.4	47.2	22382.1	137.9	2.91708	0.01474	31.644	0.104
453	27648.6	47.2	22520.0	139.0	2.93182	0.01485	31.748	0.105
452	27695.8	47.4	22659.0	139.9	2.94667	0.01494	31.853	0.105
451	27743.2	47.5	22798.9	140.9	2.96161	0.01505	31.958	0.105
450	27790.7	47.6	22939.8	142.0	2.97666	0.01515	32.063	0.106

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
450	27790.7	47.6	22939.8	142.0	2.97666	0.01515	32.063	0.106
449	27838.3	47.6	23081.8	143.0	2.99181	0.01524	32.169	0.106
448	27885.9	47.8	23224.8	144.1	3.00705	0.01535	32.275	0.107
447	27933.7	47.9	23368.9	145.1	3.02240	0.01545	32.382	0.107
446	27981.6	48.0	23514.0	146.2	3.03785	0.01556	32.489	0.108
445	28029.6	48.1	23660.2	147.3	3.05341	0.01566	32.597	0.108
444	28077.7	48.2	23807.5	148.4	3.06907	0.01577	32.705	0.109
443	28125.9	48.4	23955.9	149.4	3.08484	0.01588	32.814	0.109
442	28174.3	48.4	24105.3	150.6	3.10072	0.01598	32.923	0.110
441	28222.7	48.6	24255.9	151.7	3.11670	0.01609	33.033	0.110
440	28271.3	48.7	24407.6	152.8	3.13279	0.01620	33.143	0.111
439	28320.0	48.7	24560.4	154.0	3.14899	0.01631	33.254	0.111
438	28368.7	48.9	24714.4	155.2	3.16530	0.01643	33.365	0.112
437	28417.6	49.0	24869.6	156.3	3.18173	0.01654	33.477	0.112
436	28466.6	49.1	25025.9	157.4	3.19827	0.01665	33.589	0.113
435	28515.7	49.3	25183.3	158.7	3.21492	0.01677	33.702	0.113
434	28565.0	49.3	25342.0	159.8	3.23169	0.01688	33.815	0.114
433	28614.3	49.4	25501.8	161.0	3.24857	0.01700	33.929.	0.114
432	28663.7	49.6	25662.8	162.3	3.26557	0.01712	34.043	0.115
431	28713.3	49.7	25825.1	163.5	3.28269	0.01724	34.158	0.115
430	28763.0	49.8	25988.6	164.7	3.29993	0.01736	34.273	0.116
429	28812.8	49.8	26153.3	166.0	3.31729	0.01748	34.389	0.116
428	28862.6	50.0	26319.3	167.3	3.33477	0.01761	34.505	0.117
427	28912.6	50.2	26486.6	168.5	3.35238	0.01773	34.622	0.118
426	28962.8	50.2	26655.1	169.8	3.37011	0.01785	34.740	0.118
425	29013.0	50.4	26824.9	171.1	3.38796	0.01798	34.858	0.119
424	29063.4	50.5	26996.0	172.5	3.40594	0.01811	34.977	0.119
423	29113.9	50.6	27168.5	173.7	3.42405	0.01824	35.096	0.120
422	29164.5	50.7	27342.2	175.1	3.44229	0.01837	35.216	0.120
421	29215.2	50.9	27517.3	176.5	3.46066	0.01850	35.336	0.121
420	29266.1	51.0	27693.8	177.8	3.47916	0.01863	35.457	0.122
419	29317.1	51.1	27871.6	179.2	3.49779	0.01877	35.579	0.122
418	29368.2	51.2	28050.8	180.6	3.51656	0.01890	35.701	0.123
417	29419.4	51.3	28231.4	182.0	3.53546	0.01904	34.824	0.123
416	29470.7	51.5	28413.4	183.5	3.55450	0.01917	35.947	0.124
415	29522.2	51.6	28596.9	184.9	3.57367	0.01932	36.071	0.124
414	29573.8	51.8	28781.8	186.3	3.59299	0.01945	36.195	0.125
413	29625.6	51.8	28968.1	187.8	3.61244	0.01960	36.320	0.126
412	29677.4	52.0	29155.9	189.2	3.63204	0.01974	36.446	0.126
411	29729.4	52.1	29345.1	190.8	3.65178	0.01989	36.572	0.127
410	29781.5	52.2	29535.9	192.3	3.67167	0.02003	36.699	0.128
409	29833.7	52.3	29728.2	193.8	3.69170	0.02018	36.827	0.128
408	29886.0	52.5	29922.0	195.3	3.71188	0.02033	36.955	0.129
407	29938.5	52.6	30117.3	196.9	3.73221	0.20048	37.084	0.129
406	29991.1	52.7	30314.2	198.5	3.75269	0.02063	37.213	0.130
405	30043.8	52.9	30512.7	200.0	3.77332	0.02078	37.343	0.131
404	30096.7	53.0	30712.7	201.7	3.79410	0.02094	37.474	0.131
403	30149.7	53.1	30914.4	203.2	3.81504	0.02109	37.605	0.132
402	30202.8	53.3	31117.6	204.9	3.83613	0.02125	37.737	0.133
401	30256.1	53.4	31322.5	206.5	3.85738	0.02141	37.870	0.133
400	30309.5	53.5	31529.0	208.2	3.87879	0.02157	38.003	0.134

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
400	30309.5	53.5	31529.0	208.2	3.87879	0.02157	38.003	0.134
399	30363.0	53.7	31737.2	209.9	3.90036	0.02174	38.137	0.135
398	30416.7	53.8	31947.1	211.7	3.92210	0.02190	38.272	0.135
397	30470.5	53.9	32158.8	213.3	3.94400	0.02207	38.407	0.136
396	30524.4	54.1	32372.1	215.1	3.96607	0.02223	38.543	0.137
395	30578.5	54.2	32587.2	216.8	3.98830	0.02240	38.680	0.138
394	30632.7	54.3	32804.0	218.5	4.01070	0.02257	38.818	0.138
393	30687.0	54.5	33022.5	220.4	4.03327	0.02275	38.956	0.139
392	30741.5	54.6	33242.9	222.2	4.05602	0.02292	39.095	0.139
391	30796.1	54.8	33465.1	223.9	4.07894	0.02310	39.234	0.140
390	30850.9	54.9	33689.0	225.9	4.10204	0.02328	39.374	0.141
389	30905.8	55.1	33914.9	227.7	4.12532	0.02345	39.515	0.142
388	30960.9	55.2	34142.6	229.6	4.14877	0.02364	39.657	0.142
387	31016.1	55.3	34372.2	231.5	4.17241	0.02382	39.799	0.143
386	31071.4	55.5	34603.7	233.5	4.19623	0.02401	39.942	0.144
385	31126.9	55.6	34837.2	235.4	4.22024	0.02420	40.086	0.145
384	31182.5	55.7	35072.6	237.3	4.24444	0.02439	40.231	0.145
383	31238.2	55.9	35309.9	239.4	4.26883	0.02458	40.376	0.146
382	31294.1	56.1	35549.3	241.3	4.29341	0.02477	40.522	0.147
381	31350.2	56.2	35790.6	243.4	4.31818	0.02497	40.669	0.148
380	31406.4	56.3	36034.0	245.4	4.34315	0.02517	40.817	0.149
379	31462.7	56.5	36279.4	247.6	4.36832	0.02537	40.966	0.149
378	31519.2	56.7	36527.0	249.6	4.39369	0.02557	41.115	0.150
377	31575.9	56.8	36776.6	251.7	4.41926	0.02577	41.265	0.151
376	31632.7	56.9	37028.3	253.9	4.44503	0.02598	41.416	0.152
375	31689.6	57.1	37282.2	256.0	4.47101	0.02619	41.568	0.152
374	31746.7	57.3	37538.2	258.3	4.49720	0.02640	41.720	0.153
373	31804.0	57.4	37796.5	260.4	4.52360	0.02661	41.873	0.154
372	31861.4	57.6	38056.9	262.7	4.55021	0.02682	42.027	0.155
371	31919.0	57.7	38319.6	265.0	4.57703	0.02705	42.182	0.156
370	31976.7	57.9	38584.6	267.2	4.60408	0.02726	42.338	0.157
369	32034.6	58.0	38851.8	269.6	4.63134	0.02749	42.495	0.157
368	32092.6	58.2	39121.4	271.9	4.65883	0.02771	42.652	0.158
367	32150.8	58.3	39393.3	274.3	5.68654	0.02794	42.810	0.159
366	32209.1	58.5	39667.6	276.6	4.71448	0.02818	42.969	0.160
365	32267.6	58.7	39944.2	279.1	4.74266	0.02840	43.129	0.161
364	32326.3	58.8	40223.3	281.6	4.77106	0.02864	43.290	0.162
363	32385.1	59.0	40504.9	284.0	4.79970	0.02887	43.452	0.163
362	32444.1	59.2	40788.9	286.5	4.82857	0.02912	43.615	0.163
361	32503.3	59.3	41075.4	289.0	4.85769	0.02936	43.778	0.165
360	32562.6	59.5	41364.4	291.6	4.88705	0.02961	43.943	0.165
359	32622.1	59.7	41656.0	294.2	4.91666	0.02985	44.108	0.167
358	32681.8	59.8	41950.2	296.8	4.94651	0.03011	44.275	0.167
357	32741.6	60.0	42247.0	299.4	4.97662	0.03036	44.442	0.168
356	32801.6	60.2	42546.4	302.1	5.00698	0.03061	44.610	0.170
355	32861.8	60.3	42848.5	304.8	5.03759	0.03087	44.780	0.170
354	32922.1	60.5	43153.3	307.6	5.06846	0.03114	44.950	0.171
353	32982.6	60.7	43460.9	310.3	5.09960	0.03141	45.121	0.172
352	33043.3	60.8	43771.2	313.1	5.13101	0.03167	45.293	0.173
351	33104.1	61.0	44084.3	316.0	5.16268	0.03194	45.466	0.174
350	33165.1	61.2	44400.3	318.8	5.19462	0.03222	45.640	0.175

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TABLE I—Continued.

u	S (u)	Δ	A (u)	Δ	I (u)	Δ	T (u)	Δ
350	33165.1	61.2	44400.3	318.8	5.19462	0.03222	45.640	0.175
349	33226.3	61.4	44719.1	321.7	5.22684	0.03249	45.815	0.176
348	33287.7	61.5	45040.8	324.7	5.25933	0.03278	45.991	0.177
347	33349.2	61.7	45365.5	327.6	5.29211	0.03306	46.168	0.178
346	33410.9	61.9	45693.1	330.7	5.32517	0.03335	46.346	0.180
345	33472.8	62.1	46023.8	333.6	5.35852	0.03364	46.526	0.180
344	33534.9	62.3	46357.4	336.8	5.39216	0.03394	46.706	0.181
343	33597.2	62.4	46694.2	339.9	5.42610	0.03424	46.887	0.182
342	33659.6	62.6	47034.1	343.0	5.46034	0.03454	47.069	0.184
341	33722.2	62.8	47377.1	346.2	5.49488	0.03484	47.253	0.184
340	33785.0	63.0	47723.3	349.5	5.52972	0.03515	47.437	0.185
339	33848.0	63.2	48072.8	352.7	5.56487	0.03547	47.622	0.187
338	33911.2	63.3	48425.5	356.0	5.60034	0.03578	47.809	0.188
337	33974.5	63.5	48781.5	359.3	5.63612	0.03610	47.997	0.189
336	34038.0	63.8	49140.8	362.7	5.67222	0.03643	48.186	0.190
335	34101.8	63.9	49503.5	366.1	5.70865	0.03675	48.376	0.191
334	34165.7	64.2	49869.6	369.6	5.74540	0.03708	48.567	0.192
333	34229.9	64.3	50239.2	373.1	5.78248	0.03741	48.759	0.194
332	34294.2	64.5	50612.3	376.6	5.81989	0.03776	48.953	0.194
331	34358.7	64.7	50988.9	380.3	5.85765	0.03810	49.147	0.196
330	34423.4	64.9	51369.2	383.9	5.89575	0.03845	49.343	0.197
329	34488.3	65.1	51753.1	387.5	5.93420	0.03880	49.540	0.198
328	34553.4	65.3	52140.6	391.3	5.97300	0.03916	49.738	0.199
327	34618.7	65.5	52531.9	395.0	6.01216	0.03951	49.937	0.201
326	34684.2	65.7	52926.9	398.9	6.05167	0.03988	50.138	0.202
325	34749.9	66.0	53325.8	402.8	6.09155	0.04026	50.340	0.203
324	34815.9	66.1	53728.6	406.7	6.13181	0.04063	50.543	0.204
323	34882.0	66.3	54135.3	410.7	6.17244	0.04101	50.749	0.206
322	34948.3	66.5	54546.0	414.6	6.21345	0.04139	50.953	0.207
321	35014.8	66.7	54960.6	418.8	6.25484	0.04178	51.160	0.208
320	35081.5	66.9	55379.4	422.9	6.29662	0.04218	51.368	0.209
319	35148.4	67.2	55802.3	427.1	6.33880	0.04257	51.577	0.211
318	35215.6	67.3	56229.4	431.3	6.38137	0.04298	51.788	0.212
317	35282.9	67.6	56660.7	435.5	6.42435	0.04338	52.000	0.214
316	35350.5	67.8	57096.2	439.9	6.46773	0.04380	52.214	0.215
315	35418.3	68.0	57536.1	444.2	6.51153	0.04422	52.429	0.216
314	35486.3	68.2	57980.3	448.7	6.55575	0.04464	52.645	0.218
313	35554.5	68.4	58429.0	453.2	6.60039	0.04507	52.863	0.219
312	35622.9	68.6	58882.2	457.8	6.64546	0.04551	53.082	0.220
311	35691.5	68.9	59340.0	462.4	6.69097	0.04595	53.302	0.222
310	35760.4	69.1	59802.4	467.1	6.73692	0.04640	53.524	0.223
309	35829.5	69.3	60269.5	471.8	6.78332	0.04684	53.747	0.225
308	35898.8	69.5	60741.3	476.6	6.83016	0.04731	53.972	0.226
307	35968.3	69.8	61217.9	481.5	6.87747	0.04777	54.198	0.228
306	36038.1	70.0	61699.4	486.4	6.92524	0.04824	54.426	0.229
305	36108.1	70.2	62185.8	491.5	6.97348	0.04872	54.655	0.231
304	36178.3	70.5	62677.3	496.5	7.02220	0.04920	54.886	0.232
303	36248.8	70.7	63173.8	501.7	7.07140	0.04969	55.118	0.234
302	36319.5	70.9	63675.5	506.9	7.12109	0.05019	55.352	0.235
301	36390.4	71.2	64182.4	512.1	7.17128	0.05069	55.587	0.237
300	36461.6	71.4	64694.5	517.5	7.22197	0.05120	55.824	0.238

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
300	36461.6	71.4	64694.5	517.5	7.22197	0.05120	55.824	0.238
299	36533.0	71.7	65212.0	523.0	7.27317	0.05172	56.062	0.240
298	36604.7	71.9	65735.0	528.4	7.32489	0.05223	56.302	0.242
297	36676.6	72.1	66263.4	534.0	7.37712	0.05277	56.544	0.243
296	36748.7	72.4	66797.4	539.6	7.42989	0.05331	56.787	0.245
295	36821.1	72.6	67337.0	545.3	7.48320	0.05385	57.032	0.247
294	36893.7	72.8	67882.3	551.2	7.53705	0.05441	57.279	0.248
293	36966.5	73.1	68433.5	557.0	7.59146	0.05496	57.527	0.250
292	37039.6	73.4	68990.5	563.0	7.64642	0.05553	57.777	0.252
291	37113.0	73.6	69553.5	569.0	7.70195	0.05611	58.029	0.253
290	37186.6	73.9	70122.5	575.2	7.75806	0.05669	58.282	0.255
289	37260.5	74.1	70697.7	581.4	7.81475	0.05728	58.537	0.257
288	37334.6	74.4	71279.1	587.7	7.87203	0.05788	58.794	0.258
287	37409.0	74.6	71866.8	594.0	7.92991	0.05849	59.052	0.261
286	37483.6	74.9	72460.8	600.6	7.98840	0.05911	59.313	0.262
285	37558.5	75.2	73061.4	607.1	8.04751	0.05973	59.575	0.264
284	37633.7	75.4	73668.5	613.8	8.10724	0.06037	59.839	0.266
283	37709.1	75.7	74282.3	620.6	8.16761	0.06101	60.105	0.268
282	37784.8	76.0	74902.9	627.5	8.22862	0.06166	60.373	0.270
281	37860.8	76.2	75530.4	634.4	8.29028	0.06233	60.643	0.272
280	37937.0	76.5	76164.8	641.5	8.35261	0.06299	60.915	0.274
279	38013.5	76.8	76806.3	648.7	8.41560	0.06368	61.189	0.276
278	38090.3	77.0	77455.0	655.9	8.47928	0.06437	61.465	0.277
277	38167.3	77.4	78110.9	663.3	8.54365	0.06507	61.742	0.280
276	38244.7	77.6	78774.2	670.7	8.60872	0.06578	62.022	0.282
275	38322.3	77.9	79444.9	678.4	8.67450	0.06651	62.304	0.284
274	38400.2	78.2	80123.3	686.1	8.74101	0.06723	62.588	0.286
273	38478.4	78.5	80809.4	693.9	8.80824	0.06798	62.874	0.288
272	38556.9	78.7	81503.3	701.9	8.87622	0.06873	63.162	0.290
271	38635.6	79.1	82205.2	709.9	8.94495	0.06949	63.452	0.292
270	38714.7	79.4	82915.1	718.1	9.01444	0.07027	63.744	0.294
269	38794.1	79.6	83633.2	726.5	9.08471	0.07105	64.038	0.297
268	38873.7	80.0	84359.7	734.8	9.15576	0.07186	64.335	0.299
267	38953.7	80.2	85094.5	743.3	9.22762	0.07267	64.634	0.301
266	39033.9	80.6	85837.8	752.1	9.30029	0.07350	64.935	0.303
265	39114.5	80.8	86589.9	760.9	9.37379	0.07434	65.238	0.306
264	39195.3	81.2	87350.8	769.8	9.44813	0.07518	65.544	0.308
263	39276.5	81.4	88120.6	778.9	9.52331	0.07605	65.852	0.310
262	39357.9	81.8	88899.5	788.2	9.59936	0.07692	66.162	0.313
261	39439.7	82.1	89687.7	797.5	9.67628	0.07781	66.475	0.315
260	39521.8	82.4	90485.2	807.1	9.75409	0.07871	66.790	0.318
259	39604.2	82.7	91292.3	816.8	9.83280	0.07962	67.108	0.320
258	39686.9	83.1	92109.1	826.5	9.91242	0.08056	67.428	0.322
257	39770.0	83.4	92935.6	836.5	9.99298	0.08151	67.750	0.325
256	39853.4	83.7	93772.1	846.6	10.0745	0.0825	68.075	0.328
255	39937.1	84.0	94618.7	857.0	10.1570	0.0835	68.403	0.330
254	40021.1	84.3	95475.7	867.4	10.2405	0.0844	68.733	0.333
253	40105.4	84.7	96343.1	878.0	10.3249	0.0854	69.066	0.335
252	40190.1	85.0	97221.1	888.9	10.4103	0.0865	69.401	0.338
251	40275.1	85.4	98110.0	899.8	10.4968	0.0875	69.739	0.341
250	40360.5	85.7	99009.8	911.1	10.5843	0.0886	70.080	0.344

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u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
250	40360.5	85.7	99009.8	911.1	10.5843	0.0886	70.080	0.344
249	40446.2	86.1	99920.9	922.1	10.6729	0.0896	70.424	0.346
248	40532.3	86.4	100843.	934.	10.7625	0.0907	70.770	0.350
247	40618.7	86.8	101777.	946.	10.8532	0.0918	71.120	0.352
246	40705.5	87.1	102723.	957.	10.9450	0.0930	71.472	0.354
245	40792.6	87.4	103680.	969.	11.0380	0.0941	71.826	0.358
244	40880.0	87.8	104649.	982.	11.1321	0.0953	72.184	0.361
243	40967.8	88.2	105631.	995.	11.2274	0.0965	72.545	0.363
242	41056.0	88.6	106626.	1007.	11.3239	0.0976	72.908	0.367
241	41144.6	88.9	107633.	1020.	11.4215	0.0989	73.275	0.369
240	41233.5	89.3	108653.	1033.	11.5204	0.1001	73.644	0.372
239	41322.8	89.7	109686.	1046.	11.6205	0.1013	74.016	0.376
238	41412.5	90.0	110732.	1060.	11.7218	0.1027	74.392	0.379
237	41502.5	90.4	111792.	1074.	11.8245	0.1040	74.771	0.382
236	41592.9	90.8	112866.	1088.	11.9285	0.1053	75.153	0.385
235	41683.7	91.2	113954.	1103.	12.0338	0.1067	75.538	0.389
234	41774.9	91.6	115057.	1117.	12.1405	0.1081	75.927	0.392
233	41866.5	92.0	116174.	1132.	12.2486	0.1094	76.319	0.396
232	41958.5	92.4	117306.	1146.	12.3580	0.1109	76.715	0.399
231	42050.9	92.8	118452.	1162.	12.4689	0.1123	77.114	0.403
230	42143.7	93.2	119614.	1178.	12.5812	0.1138	77.517	0.406
229	42236.9	93.7	120792.	1193.	12.6950	0.1153	77.923	0.410
228	42330.6	94.0	121985.	1209.	12.8103	0.1168	78.333	0.413
227	42424.6	94.5	123194.	1226.	12.9271	0.1184	78.746	0.417
226	42519.1	94.8	124420.	1243.	13.0455	0.1199	79.163	0.421
225	42613.9	95.1	125663.	1260.	13.1654	0.1216	79.584	0.425
224	42709.0	95.6	126923.	1277.	13.2870	0.1232	80.009	0.428
223	42804.6	96.1	128200.	1295.	13.4102	0.1249	80.437	0.432
222	42900.7	96.5	129495.	1313.	13.5351	0.1263	80.869	0.436
221	42997.2	97.0	130808.	1331.	13.6616	0.1283	81.305	0.440
220	43094.2	97.4	132139.	1351.	13.7899	0.1301	81.745	0.444
219	43191.6	97.9	133490.	1369.	13.9200	0.1318	82.189	0.448
218	43289.5	98.4	134859.	1388.	14.0518	0.1337	82.637	0.452
217	43387.9	98.8	136247.	1407.	14.1855	0.1356	83.089	0.456
216	43486.7	99.2	137654.	1428.	14.3211	0.1374	83.545	0.461
215	43585.9	99.7	139082.	1447.	14.4585	0.1394	84.006	0.465
214	43685.6	100.2	140529.	1469.	14.5979	0.1413	84.471	0.469
213	43785.8	100.6	141998.	1491.	14.7392	0.1433	84.940	0.473
212	43886.4	101.1	143489.	1512.	14.8825	0.1454	85.413	0.478
211	43987.5	101.6	145001.	1535.	15.0279	0.1475	85.891	0.483
210	44089.1	102.1	146536.	1558.	15.1754	0.1496	86.374	0.487
209	44191.2	102.5	148094.	1580.	15.3250	0.1518	86.861	0.492
208	44293.7	103.1	149674.	1603.	15.4768	0.1539	87.353	0.496
207	44396.8	103.5	151277.	1626.	15.6307	0.1562	87.849	0.501
206	44500.3	104.1	152903.	1651.	15.7869	0.1585	88.350	0.507
205	44604.4	104.5	154554.	1675.	15.9454	0.1608	88.857	0.511
204	44708.9	105.1	156229.	1701.	16.1062	0.1632	89.368	0.517
203	44814.0	105.6	157930.	1727.	16.2694	0.1657	89.885	0.521
202	44919.6	106.1	159657.	1753.	16.4351	0.1681	90.406	0.527
201	45025.7	106.7	161410.	1780.	16.6032	0.1707	90.933	0.532
200	45132.4	107.2	163190.	1808.	16.7739	0.1733	91.465	0.537

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
200	45132.4	107.2	163190	1808	16.7739	0.1733	91.465	0.537
199	45239.6	107.8	164998	1835	16.9472	0.1759	92.002	0.543
198	45347.4	108.3	166833	1864	17.1231	0.1785	92.545	0.548
197	45455.7	108.8	168697	1893	17.3016	0.1813	93.093	0.554
196	45564.5	109.4	170590	1922	17.4829	0.1841	93.647	0.560
195	45673.9	110.0	172512	1953	17.6670	0.1869	94.207	0.565
194	45783.9	110.5	174465	1984	17.8539	0.1899	94.772	0.571
193	45894.4	111.1	176449	2015	18.0438	0.1928	95 343	0.578
192	46005.5	111.6	178464	2047	18.2366	0.1958	95.921	0.583
191	46117.1	112.3	180511	2080	18.4324	0.1990	96.504	0.589
190	46229.4	112.8	182591	2114	18.6314	0.2021	97.093	0.592
189	46342.2	113.5	184705	2148	18.8335	0.2053	97.689	0.606
188	46455.7	114.1	186853	2183	19.0388	0.2087	98.291	0.608
187	46569.8	114.6	189086	2219	19.2475	0.2121	98.899	0.614
186	46684.4	115.3	191255	2256	19.4596	0.2155	99.514	0.621
185	46799.7	115.9	193511	2294	19.6751	0.2191	100.13	0.63
184	46915.6	116.5	195805	2331	19.8942	0.2226	100.76	0.64
183	47032.1	117.2	198136	2371	20.1168	0.2263	101.40	0.64
182	47149.3	117.8	200507	2410	20.3431	0.2300	102.04	0.65
181	47267.1	118.5	202917	2451	20.5731	0.2339	102.69	0.66
180	47385.6	119.2	205368	2492	20.8070	0.2378	103.35	0.66
179	47504.8	119.8	207860	2536	21.0448	0.2418	104.01	0.67
178	47624.6	120.5	210396	2580	21.2866	0.2459	104.68	0.68
177	47745.1	121.1	212976	2624	21.5325	0.2502	105.36	0.69
176	47866.2	121.8	215600	2670	21.7827	0.2545	106.05	0.69
175	47988.0	122.4	218270	2717	22.0372	0.2589	106.74	0.70
174	48110.4	123.2	220987	2765	22.2961	0.2634	107.44	0.71
173	48233.6	124.0	223752	2814	22.5595	0.2680	108.15	0.72
172	48357.6	124.8	226566	2863	22.8275	0.2727	108.87	0.73
171	48482.4	125.5	229429	2914	23.1002	0.2775	109.60	0.73
170	48607.9	126.2	232343	2966	23.3777	0.2824	110.33	0.75
169	48734.1	126.9	235309	3021	23.6601	0.2875	111.08	0.75
168	48861.0	127.6	238330	3076	23.9476	0.2927	111.83	0.76
167	48988.6	128.5	241406	3133	24.2403	0.2981	112.59	0.78
166	49117.1	129.2	244539	3190	24.5384	0.3034	113.37	0.78
165	49246.3	130.0	247729	3250	24.8418	0.3091	114.15	0.79
164	49376.3	130.8	250979	3311	25.1509	0.3147	114.94	0.80
163	49507.1	131.7	254290	3372	25.4656	0.3205	115.74	0.81
162	49638.8	132.4	257662	3436	25.7861	0.3265	116.55	0.82
161	49771.2	133.2	261098	3501	26.1126	0.3327	117.37	0.83
160	49904.4	134.1	264599	3568	26.4453	0.3389	118.20	0.84
159	50038.5	134.9	268167	3637	26.7842	0.3454	119.04	0.85
158	50173.4	135.8	271804	3707	27.1296	0.3521	119.89	0.86
157	50309.2	136.6	275511	3780	27.4817	0.3588	120.75	0.87
156	50445.8	137.5	279291	3854	27.8405	0.3659	121.62	0.89
155	50583.3	138.4	283145	3931	28.2064	0.3730	122.51	0.89
154	50721.7	139.3	287076	4008	28.5794	0.3804	123.40	0.91
153	50861.0	140.2	291084	4088	28.9598	0.3878	124.31	0.92
152	51001.2	141.2	295172	4170	29.3476	0.3956	125.23	0.93
151	51142.4	142.1	299342	4255	29.7432	0.4035	126.16	0.95
150	51284.5	143.1	303597	4342	30.1467	0.4117	127.11	0.95

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TABLE I—Continued.

u	$S(u)$	Δ	$A(u)$	Δ	$I(u)$	Δ	$T(u)$	Δ
150	51284.5	143.1	303597	4342	30.1467	0.4117	127.11	0.95
149	51427.6	144.0	307939	4430	30.5584	0.4200	128.06	0.97
148	51571.6	145.0	312369	4523	30.9784	0.4286	129.03	0.99
147	51716.6	145.9	316892	4616	31.4070	0.4374	130.02	0.99
146	51862.5	147.0	321508	4713	31.8444	0.4466	131.01	1.01
145	52009.5	148.0	326221	4813	32.2910	0.4559	132.02	1.03
144	52157.5	149.0	331034	4914	32.7469	0.4655	133.05	1.04
143	52306.5	150.1	335948	5020	33.2124	0.4754	134.09	1.05
142	52456.6	151.1	340968	5128	33.6878	0.4855	135.14	1.07
141	52607.7	152.2	346096	5239	34.1733	0.4959	136.21	1.08
140	52759.9	153.3	351335	5354	31.6692	0.5067	137.29	1.10
139	52913.2	154.4	356689	5471	35.1759	0.5177	138.39	1.11
138	53067.6	155.5	362160	5593	35.6936	0.5291	139.50	1.13
137	53223.1	156.7	367753	5717	36.2227	0.5409	140.63	1.15
136	53379.8	157.8	373470	5845	36.7636	0.5529	141.78	1.17
135	53537.6	159.0	379315	5978	37.3165	0.5654	142.95	1.18
134	53696.6	160.2	385293	6114	37.8819	0.5781	144.13	1.20
133	53856.8	161.4	391407	6255	38.4600	0.5913	145.33	1.22
132	54018.2	162.6	397662	6400	39.0513	0.6049	146.55	1.23
131	54180.8	163.9	404062	6549	39.6562	0.6189	147.78	1.26
130	54344.7	165.2	410611	6703	40.2751	0.6334	149.04	1.27
129	54509.9	166.4	417314	6862	40.9085	0.6483	150.31	1.30
128	54676.3	167.8	424176	7026	41.5568	0.6636	151.61	1.32
127	54844.1	169.0	431202	7195	42.2204	0.6795	152.93	1.33
126	55013.1	170.4	438397	7369	42.8999	0.6959	154.26	1.36
125	55183.5	171.7	445766	7550	43.5958	0.7128	155.62	1.38
124	55355.2	173.2	453316	7736	44.3086	0.7303	157.00	1.40
123	55528.4	174.5	461052	7927	45.0389	0.7483	158.40	1.43
122	55702.9	176.0	468979	8126	45.7872	0.7669	159.83	1.45
121	55878.9	177.5	477105	8331	46.5541	0.7861	161.28	1.47
120	56056.4	179.0	485436	8544	47.3402	0.8060	162.75	1.50
119	56235.4	180.5	493980	8763	48.1462	0.8267	164.25	1.52
118	56415.9	182.0	502743	8990	48.9729	0.8479	165.77	1.55
117	56597.9	183.6	511733	9224	49.8208	0.8699	167.32	1.57
116	56781.5	185.1	520957	9468	50.6907	0.8928	168.89	1.61
115	56966.6	186.8	530425	9720	51.5835	0.9163	170.50	1.63
114	57153.4	188.4	540145	9980	52.4998	0.9408	172.13	1.66
113	57341.8	190.1	550125	10250	53.4406	0.9661	173.79	1.69
112	57531.9	191.8	560375	10530	54.4067	0.9923	175.48	1.72
111	57723.7	193.5	570905	10820	55.3990	1.0195	177.20	1.75
110	57917.2	195.3	581725	11120	56.4185	1.0477	178.95	1.78
109	58112.5	197.1	592845	11432	57.4662	1.0769	180.73	1.82
108	58309.6	198.9	604277	11756	58.5431	1.1072	182.55	1.85
107	58508.5	200.8	616033	12093	59.6503	1.1388	184.40	1.89
106	58709.3	202.7	628126	12439	60.7891	1.1714	186.29	1.92
105	58912.0	204.7	640565	12803	61.9605	1.2054	188.21	1.95
104	59116.7	206.6	653368	13179	63.1659	1.2407	190.16	2.00
103	59323.3	208.6	666547	13571	64.4066	1.2773	192.16	2.04
102	59531.9	210.7	680118	13977	65.6839	1.3155	194.20	2.07
101	59742.6	212.8	694095	14400	66.9994	1.3551	196.27	2.12
100	59955.4	215.0	708495	14840	68.3545	1.3963	198.39	2.16

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TABLE IIA. *Quadratic law.*

[V=0 to V=825.]

A modified form of Table II for use with initial velocities between 0 and 825 f. s. The A column is computed for V=700 f. s. To find A for any other initial velocity V, multiply the tabular value by $\left(\frac{700}{V}\right)^2$. U is replaced by $\log \frac{V}{u}$ and T' is replaced by $N=\frac{VT'}{Z}$ in order to make the tabular values independent of V. The other functions are the same as in Table II.

$Z=\frac{X}{C}$	$\frac{AV^2}{700^2}$	Δ	H	Δ	$\log B'$	Δ	$\log \frac{V}{u}$	Δ	N	Δ	$\log Q$	Δ	$\frac{x_0}{X}$	Δ
0	0.0000	132	0.2500	8	0.0000	27	0.0000	40	1.000	4	0.0000	27	0.5000	7
200	0.0132	134	0.2508	8	0.0027	27	0.0040	40	1.004	5	0.0027	27	0.5007	7
400	0.0266	135	0.2516	8	0.0054	27	0.0080	41	1.009	5	0.0054	28	0.5014	8
600	0.0401	137	0.2524	8	0.0081	27	0.0121	41	1.014	5	0.0082	27	0.5022	8
800	0.0538	139	0.2532	8	0.0108	27	0.0162	41	1.019	5	0.0109	28	0.5030	8
1000	0.0677	141	0.2540	8	0.0135	27	0.0203	40	1.024	4	0.0137	27	0.5038	7
1200	0.0818	142	0.2548	8	0.0162	27	0.0243	41	1.028	5	0.0164	28	0.5045	8
1400	0.0960	144	0.2556	8	0.0189	27	0.0284	41	1.033	5	0.0192	28	0.5053	8
1600	0.1104	146	0.2564	8	0.0216	27	0.0325	41	1.038	5	0.0220	28	0.5061	8
1800	0.1250	148	0.2572	8	0.0243	28	0.0366	41	1.043	5	0.0248	28	0.5069	8
2000	0.1398	150	0.2580	8	0.0271	27	0.0407	40	1.048	5	0.0276	29	0.5077	7
2200	0.1548	152	0.2588	8	0.0298	27	0.0447	41	1.053	5	0.0305	28	0.5084	8
2400	0.1700	153	0.2596	8	0.0325	27	0.0488	41	1.058	5	0.0333	28	0.5092	8
2600	0.1853	155	0.2604	8	0.0352	27	0.0529	41	1.063	5	0.0361	28	0.5100	8
2800	0.2008	158	0.2612	9	0.0379	28	0.0570	41	1.068	5	0.0389	28	0.5108	8
3000	0.2166	160	0.2621	8	0.0407	27	0.0611	40	1.073	5	0.0417	28	0.5116	7
3200	0.2326	162	0.2629	8	0.0434	27	0.0651	41	1.078	5	0.0445	29	0.5123	8
3400	0.2488	164	0.2637	8	0.0461	27	0.0692	41	1.083	5	0.0474	28	0.5131	8
3600	0.2652	166	0.2645	8	0.0488	27	0.0733	41	1.088	5	0.0502	29	0.5139	8
3800	0.2818	168	0.2653	9	0.0515	28	0.0774	41	1.093	6	0.0531	29	0.5147	8
4000	0.2986	170	0.2662	8	0.0543	27	0.0815	41	1.099	5	0.0560	29	0.5155	8
4200	0.3156	173	0.2670	8	0.0570	27	0.0856	41	1.104	6	0.0589	29	0.5163	8
4400	0.3329	175	0.2678	9	0.0597	27	0.0897	41	1.110	5	0.0618	29	0.5171	8
4600	0.3504	177	0.2687	8	0.0624	27	0.0938	41	1.115	5	0.0647	29	0.5179	8
4800	0.3681	180	0.2695	9	0.0651	28	0.0979	41	1.120	6	0.0676	29	0.5187	8
5000	0.3861	182	0.2704	8	0.0679	27	0.1020	42	1.126	5	0.0705	29	0.5195	8
5200	0.4043	184	0.2712	8	0.0706	27	0.1062	41	1.131	5	0.0734	29	0.5203	8
5400	0.4227	186	0.2720	9	0.0733	28	0.1103	41	1.136	6	0.0763	30	0.5211	8
5600	0.4413	189	0.2729	8	0.0761	27	0.1144	41	1.142	6	0.0793	30	0.5219	8
5800	0.4602	192	0.2737	9	0.0788	28	0.1185	41	1.148	6	0.0823	30	0.5227	8
6000	0.4794	194	0.2746	8	0.0816	27	0.1226	42	1.154	5	0.0853	30	0.5235	7
6200	0.4988	196	0.2754	9	0.0843	27	0.1268	41	1.159	6	0.0883	30	0.5242	8
6400	0.5184	200	0.2763	8	0.0870	27	0.1309	41	1.165	6	0.0913	30	0.5250	8
6600	0.5384	202	0.2771	9	0.0897	27	0.1350	41	1.171	6	0.0943	30	0.5258	7
6800	0.5586	204	0.2780	9	0.0924	28	0.1391	42	1.177	6	0.0973	31	0.5265	8
7000	0.5790	208	0.2789	9	0.0952	27	0.1433	41	1.183	6	0.1004	30	0.5273	7
7200	0.5998	210	0.2797	9	0.0979	28	0.1474	42	1.189	6	0.1034	30	0.5280	8
7400	0.6208	212	0.2806	9	0.1007	27	0.1516	41	1.195	6	0.1064	31	0.5288	8
7600	0.6420	215	0.2815	9	0.1034	27	0.1557	42	1.201	6	0.1095	31	0.5296	8
7800	0.6635	219	0.2824	9	0.1061	28	0.1599	42	1.207	6	0.1126	31	0.5304	8
8000	0.6854	222	0.2833	9	0.1089	27	0.1641	41	1.213	7	0.1157	31	0.5312	8
8200	0.7076	225	0.2842	9	0.1116	27	0.1682	42	1.220	6	0.1188	31	0.5320	8
8400	0.7301	227	0.2851	9	0.1143	27	0.1724	42	1.226	6	0.1219	31	0.5328	8
8600	0.7528	230	0.2860	9	0.1170	28	0.1766	42	1.232	7	0.1250	31	0.5336	8
8800	0.7758	234	0.2869	9	0.1198	28	0.1808	42	1.239	6	0.1281	32	0.5344	8
9000	0.7992	237	0.2878	9	0.1226	28	0.1850	42	1.245	6	0.1313	31	0.5352	8
9200	0.8229	240	0.2887	9	0.1254	27	0.1892	43	1.251	7	0.1344	31	0.5360	8
9400	0.8469	244	0.2896	9	0.1281	28	0.1935	42	1.258	6	0.1375	32	0.5368	8
9600	0.8713	247	0.2905	9	0.1309	27	0.1977	42	1.264	7	0.1407	32	0.5376	8
9800	0.8960	250	0.2914	9	0.1336	28	0.2019	42	1.271	7	0.1439	32	0.5384	8
10000	0.9210	253	0.2923	9	0.1364	27	0.2061	42	1.278	6	0.1471	32	0.5392	7

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TABLE IIA. *Quadratic law*—Continued.

[$V=0$ to $V=825$.]

$Z=\frac{X}{C}$	$\frac{AV^2}{700^2}$	Δ	H	Δ	$\log B'$	Δ	$\log\frac{V}{u}$	Δ	N	Δ	$\log Q$	Δ	$\frac{x_0}{X}$	Δ
10000	0.9210	253	0.2923	9	0.1364	27	0.2061	42	1.278	6	0.1471	32	0.5392	7
10200	0.9463	257	0.2932	9	0.1391	28	0.2103	42	1.284	7	0.1503	32	0.5399	8
10400	0.9720	261	0.2941	9	0.1419	28	0.2145	43	1.291	7	0.1535	32	0.5407	8
10600	0.9981	265	0.2950	9	0.1447	28	0.2188	43	1.298	7	0.1567	33	0.5415	8
10800	1.0246	269	0.2959	10	0.1475	28	0.2231	43	1.305	7	0.1600	33	0.5423	8
11000	1.0515	272	0.2969	9	0.1503	28	0.2274	43	1.312	7	0.1633	33	0.5431	7
11200	1.0787	276	0.2978	10	0.1531	28	0.2317	43	1.319	7	0.1666	33	0.5438	8
11400	1.1063	280	0.2988	9	0.1559	28	0.2360	43	1.326	7	0.1699	33	0.5446	8
11600	1.1343	284	0.2997	9	0.1587	28	0.2403	43	1.333	7	0.1732	33	0.5454	8
11800	1.1627	288	0.3006	10	0.1615	28	0.2446	43	1.340	7	0.1765	33	0.5462	8
12000	1.1915	292	0.3016	9	0.1643	29	0.2489	44	1.347	7	0.1798	33	0.5470	8
12200	1.2207	296	0.3025	10	0.1672	28	0.2533	43	1.354	7	0.1831	33	0.5478	8
12400	1.2503	301	0.3035	9	0.1700	28	0.2576	43	1.361	7	0.1864	34	0.5486	8
12600	1.2804	305	0.3044	10	0.1728	28	0.2619	43	1.368	7	0.1898	34	0.5494	8
12800	1.3109	309	0.3054	10	0.1756	28	0.2662	44	1.375	8	0.1932	34	0.5502	8
13000	1.3418	313	0.3064	10	0.1784	28	0.2706	43	1.383	7	0.1966	34	0.5510	8
13200	1.3731	318	0.3074	9	0.1812	28	0.2749	44	1.390	7	0.2000	34	0.5518	8
13400	1.4049	323	0.3083	10	0.1840	29	0.2793	44	1.397	8	0.2034	34	0.5526	8
13600	1.4372	328	0.3093	10	0.1869	28	0.2837	44	1.405	8	0.2068	35	0.5534	8
13800	1.4700	333	0.3103	10	0.1897	29	0.2881	44	1.413	8	0.2103	35	0.5542	9
14000	1.5033	337	0.3113	10	0.1926	28	0.2925	44	1.421	7	0.2138	35	0.5551	8
14200	1.5370	342	0.3123	10	0.1954	29	0.2969	44	1.428	8	0.2173	35	0.5559	8
14400	1.5712	347	0.3133	10	0.1983	28	0.3013	44	1.436	8	0.2208	35	0.5567	8
14600	1.6059	353	0.3143	10	0.2011	29	0.3057	45	1.444	8	0.2243	35	0.5575	8
14800	1.6412	358	0.3153	10	0.2040	29	0.3102	44	1.452	8	0.2278	35	0.5583	9
15000	1.6770	363	0.3163	10	0.2069	29	0.3146	44	1.460	8	0.2313	35	0.5592	8
15200	1.7133	369	0.3173	10	0.2098	29	0.3190	45	1.468	8	0.2348	36	0.5600	8
15400	1.7502	374	0.3183	10	0.2127	29	0.3235	45	1.476	8	0.2384	36	0.5608	8
15600	1.7876	379	0.3193	10	0.2156	28	0.3280	45	1.484	8	0.2420	36	0.5616	8
15800	1.8255	385	0.3203	11	0.2184	29	0.3325	45	1.492	9	0.2456	36	0.5624	9
16000	1.8640	390	0.3214	10	0.2213	29	0.3370	45	1.501	8	0.2492	36	0.5633	8
16200	1.9030	397	0.3224	10	0.2242	29	0.3415	45	1.509	8	0.2528	36	0.5641	9
16400	1.9427	403	0.3234	10	0.2271	29	0.3460	45	1.517	9	0.2564	36	0.5650	8
16600	1.9830	409	0.3244	10	0.2300	29	0.3505	46	1.526	9	0.2600	37	0.5658	8
16800	2.0239	415	0.3254	11	0.2329	29	0.3551	46	1.535	9	0.2637	37	0.5666	9
17000	2.0654	421	0.3265	10	0.2358	29	0.3597	46	1.544	9	0.2674	37	0.5675	8
17200	2.1075	428	0.3275	11	0.2387	29	0.3643	46	1.553	9	0.2711	37	0.5683	9
17400	2.1503	434	0.3286	10	0.2416	29	0.3689	46	1.562	9	0.2748	37	0.5692	9
17600	2.1937	441	0.3296	10	0.2445	29	0.3735	46	1.571	9	0.2785	37	0.5701	8
17800	2.2378	448	0.3306	11	0.2474	30	0.3781	47	1.580	9	0.2822	38	0.5709	9
18000	2.2826	455	0.3317	11	0.2504	29	0.3828	46	1.589	9	0.2860	38	0.5718	8
18200	2.3281	462	0.3328	11	0.2533	30	0.3874	47	1.598	9	0.2898	38	0.5726	9
18400	2.3743	479	0.3339	10	0.2563	29	0.3921	47	1.607	10	0.2936	38	0.5735	8
18600	2.4212	476	0.3349	11	0.2592	30	0.3968	47	1.617	9	0.2974	38	0.5743	8
18800	2.4688	484	0.3360	11	0.2622	30	0.4015	47	1.626	10	0.3012	39	0.5751	9
19000	2.5172	491	0.3371	11	0.2652	29	0.4062	47	1.636	9	0.3051	39	0.5760	8
19200	2.5663	499	0.3382	11	0.2681	30	0.4109	47	1.645	10	0.3090	39	0.5768	9
19400	2.6162	507	0.3393	11	0.2711	30	0.4156	47	1.655	10	0.3129	39	0.5777	8
19600	2.6669	516	0.3404	11	0.2741	30	0.4203	48	1.665	10	0.3168	39	0.5785	8
19800	2.7185	525	0.3415	11	0.2771	30	0.4251	48	1.675	10	0.3207	39	0.5793	9
20000	2.7710	534	0.3426	11	0.2801	30	0.4299	48	1.685	10	0.3246	40	0.5802	8

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TABLE II. $V=825$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	473	0.25000	39	0.00000	142	825.0	4.0	0.000	122	0.00000	134
100	0.00473	477	0.25039	40	0.00142	142	821.0	3.9	0.122	122	0.00134	135
200	0.00950	479	0.25079	39	0.00284	141	817.1	3.9	0.244	122	0.00269	136
300	0.01429	482	0.25118	40	0.00425	140	813.2	3.9	0.366	124	0.00405	136
400	0.01911	485	0.25158	40	0.00565	140	809.3	3.9	0.490	124	0.00541	137
500	0.02396	489	0.25198	40	0.00705	139	805.4	3.8	0.614	124	0.00678	137
600	0.02885	493	0.25238	40	0.00844	139	801.6	3.8	0.738	125	0.00815	138
700	0.03378	496	0.25278	40	0.00983	139	797.8	3.8	0.836	126	0.00953	138
800	0.03874	499	0.25318	40	0.01122	139	794.0	3.8	0.989	126	0.01091	139
900	0.04373	503	0.25358	40	0.01261	138	790.2	3.7	1.115	127	0.01230	140
1000	0.04876	506	0.25398	39	0.01399	138	786.5	3.7	1.242	127	0.01370	142
1100	0.05382	509	0.25437	39	0.01537	137	782.8	3.6	1.369	128	0.01512	142
1200	0.05891	512	0.25476	38	0.01674	137	779.2	3.6	1.497	129	0.01664	142
1300	0.06403	515	0.25514	39	0.01811	136	775.6	3.6	1.626	129	0.01806	143
1400	0.06918	519	0.25553	38	0.01947	135	772.0	3.6	1.755	130	0.01949	143
1500	0.07437	522	0.25591	39	0.02082	135	768.4	3.6	1.885	130	0.02092	143
1600	0.07959	526	0.25630	38	0.02217	134	764.8	3.6	2.015	131	0.02235	143
1700	0.08485	528	0.25668	39	0.02351	133	761.2	3.6	2.146	132	0.02378	144
1800	0.09013	532	0.25707	39	0.02484	134	757.6	3.5	2.278	132	0.02512	144
1900	0.09545	535	0.25746	39	0.02618	133	754.1	3.5	2.410	133	0.02656	143
2000	0.10080	538	0.25785	39	0.02751	134	750.6	3.5	2.543	133	0.02799	143
2100	0.10618	542	0.25824	39	0.02885	133	747.1	3.5	2.676	134	0.02942	142
2200	0.11160	546	0.25863	39	0.03018	134	743.6	3.5	2.810	135	0.03084	142
2300	0.11706	549	0.25902	40	0.03152	134	740.1	3.4	2.945	136	0.03226	142
2400	0.12255	553	0.25942	39	0.03286	133	736.7	3.5	3.081	136	0.03368	142
2500	0.12808	556	0.25981	40	0.03419	134	733.2	3.4	3.217	137	0.03510	142
2600	0.13364	559	0.26021	40	0.03553	134	729.8	3.4	3.354	137	0.03652	142
2700	0.13923	563	0.26061	40	0.03687	134	726.4	3.4	3.491	138	0.03794	142
2800	0.14486	567	0.26101	40	0.03821	133	723.0	3.3	3.629	139	0.03936	142
2900	0.15053	570	0.26141	40	0.03954	134	719.7	3.4	3.768	139	0.04078	142
3000	0.15623	574	0.26181	41	0.04088	134	716.3	3.4	3.907	140	0.04220	143
3100	0.16197	578	0.26222	40	0.04222	134	712.9	3.3	4.047	141	0.04363	143
3200	0.16775	581	0.26262	41	0.04356	134	709.6	3.3	4.188	141	0.04506	144
3300	0.17356	585	0.26303	41	0.04490	134	706.3	3.3	4.329	142	0.04650	144
3400	0.17941	589	0.26344	41	0.04624	134	703.0	3.3	4.471	143	0.04794	144
3500	0.18530	593	0.26385	41	0.04758	135	699.7	3.3	4.614	143	0.04938	144
3600	0.19123	596	0.26426	42	0.04893	134	696.4	3.2	4.757	144	0.05082	144
3700	0.19719	600	0.26468	41	0.05027	134	693.2	3.3	4.901	145	0.05226	144
3800	0.20319	604	0.26509	42	0.05161	134	689.9	3.2	5.046	145	0.05370	145
3900	0.20923	608	0.26551	42	0.05295	134	686.7	3.2	5.191	146	0.05515	145
4000	0.21531	612	0.26593	43	0.05429	134	683.5	3.2	5.337	146	0.05660	145
4100	0.22143	615	0.26636	42	0.05563	135	680.3	3.2	5.483	147	0.05805	145
4200	0.22758	620	0.26678	43	0.05698	134	677.1	3.1	5.630	148	0.05950	146
4300	0.23378	624	0.26721	43	0.05832	135	674.0	3.1	5.778	149	0.06096	146
4400	0.24002	628	0.26764	42	0.05967	134	670.9	3.2	5.927	149	0.06242	146
4500	0.24630	632	0.26806	43	0.06101	134	667.7	3.1	6.076	150	0.06388	146
4600	0.25262	636	0.26849	43	0.06235	135	664.6	3.1	6.226	151	0.06534	146
4700	0.25898	640	0.26892	42	0.06370	134	661.5	3.1	6.377	152	0.06680	146
4800	0.26538	645	0.26934	43	0.06504	135	658.4	3.0	6.529	152	0.06826	146
4900	0.27183	648	0.26977	43	0.06639	134	655.4	3.1	6.681	153	0.06972	146
5000	0.27831	653	0.27020	43	0.06773	134	652.3	3.0	6.834	154	0.07118	147

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TABLE II. $V=825$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.27831	653	0.27020	43	0.06773	134	652.3	3.0	6.834	154	0.07118	147
5100	0.28484	657	0.27063	43	0.06907	134	649.3	3.1	6.988	154	0.07265	147
5200	0.29141	661	0.27106	43	0.07041	135	646.2	3.0	7.142	155	0.07412	147
5300	0.29802	666	0.27149	43	0.07176	134	643.2	3.0	7.297	156	0.07559	147
5400	0.30468	670	0.27192	43	0.07310	134	640.2	3.0	7.453	157	0.07706	147
5500	0.31138	674	0.27235	42	0.07444	134	637.2	2.9	7.610	157	0.07853	147
5600	0.31812	679	0.27277	43	0.07578	134	634.3	3.0	7.767	158	0.08000	147
5700	0.32491	683	0.27320	43	0.07712	135	631.3	3.0	7.925	159	0.08147	147
5800	0.33174	687	0.27363	43	0.07847	134	628.3	2.9	8.084	160	0.08294	148
5900	0.33861	692	0.27406	43	0.07981	134	625.4	2.9	8.244	160	0.08442	148
6000	0.34553	696	0.27449	43	0.08115	134	622.5	2.9	8.404	161	0.08590	149
6100	0.35249	701	0.27492	43	0.08249	134	619.6	2.9	8.565	161	0.08739	149
6200	0.35950	706	0.27535	43	0.08383	134	616.7	2.8	8.726	163	0.08888	149
6300	0.36656	710	0.27578	43	0.08517	134	613.9	2.9	8.889	163	0.09037	150
6400	0.37366	715	0.27621	43	0.08651	134	611.0	2.9	9.052	164	0.09187	150
6500	0.38081	720	0.27664	43	0.08785	135	608.1	2.8	9.216	165	0.09337	150
6600	0.38801	724	0.27707	43	0.08920	134	605.3	2.8	9.381	165	0.09487	150
6700	0.39525	729	0.27750	43	0.09054	134	602.5	2.8	9.546	167	0.09637	151
6800	0.40254	734	0.27793	43	0.09188	134	599.7	2.8	9.713	167	0.09788	151
6900	0.40988	738	0.27836	43	0.09322	134	596.9	2.8	9.880	168	0.09939	151
7000	0.41726	743	0.27879	43	0.09456	134	594.1	2.8	10.048	169	0.10090	151
7100	0.42469	749	0.27922	43	0.09590	134	591.3	2.7	10.217	169	0.10241	151
7200	0.43218	753	0.27965	44	0.09724	133	588.6	2.8	10.386	170	0.10392	152
7300	0.43971	758	0.28009	43	0.09857	134	585.8	2.7	10.556	171	0.10544	152
7400	0.44729	764	0.28052	43	0.09991	134	583.1	2.8	10.727	172	0.10696	152
7500	0.45493	768	0.28095	44	0.10125	134	580.3	2.7	10.899	173	0.10848	152
7600	0.46261	774	0.28139	43	0.10259	134	577.6	2.7	11.072	174	0.11000	152
7700	0.47035	779	0.28182	44	0.10393	133	574.9	2.6	11.246	174	0.11152	152
7800	0.47814	783	0.28226	43	0.10526	134	572.3	2.7	11.420	175	0.11304	153
7900	0.48597	789	0.28269	44	0.10660	134	569.6	2.7	11.595	176	0.11457	153
8000	0.49386	794	0.28313	44	0.10794	133	566.9	2.6	11.771	177	0.11610	153
8100	0.50180	799	0.28357	43	0.10927	134	564.3	2.7	11.948	178	0.11763	153
8200	0.50979	805	0.28400	44	0.11061	133	561.6	2.6	12.126	178	0.11916	153
8300	0.51784	810	0.28444	44	0.11194	134	559.0	2.6	12.304	179	0.12069	154
8400	0.52594	816	0.28488	44	0.11328	133	556.4	2.6	12.483	180	0.12223	154
8500	0.53410	821	0.28532	43	0.11461	133	553.8	2.6	12.663	181	0.12377	154
8600	0.54231	826	0.28575	44	0.11594	134	551.2	2.6	12.844	182	0.12531	154
8700	0.55057	832	0.28619	45	0.11828	133	548.6	2.5	13.026	183	0.12685	155
8800	0.55889	837	0.28664	44	0.11861	134	546.1	2.6	13.209	184	0.12840	155
8900	0.56726	843	0.28708	44	0.11995	133	543.5	2.5	13.393	184	0.12995	155
9000	0.57569	848	0.28752	45	0.12128	133	541.0	2.5	13.577	185	0.13150	156
9100	0.58417	854	0.28797	44	0.12261	133	538.5	2.5	13.762	186	0.13306	156
9200	0.59271	860	0.28841	45	0.12394	133	536.0	2.5	13.948	187	0.13462	156
9300	0.60131	866	0.28886	45	0.12527	133	533.5	2.5	14.135	188	0.13618	156
9400	0.60997	872	0.28931	45	0.12660	133	531.0	2.5	14.323	189	0.13774	157
9500	0.61869	877	0.28976	45	0.12793	132	528.5	2.5	14.512	190	0.13931	157
9600	0.62746	883	0.29020	44	0.12925	133	526.0	2.4	14.702	190	0.14088	158
9700	0.63629	889	0.29065	45	0.13058	133	523.6	2.5	14.892	191	0.14246	158
9800	0.64518	895	0.29110	45	0.13191	133	521.1	2.4	15.083	193	0.14404	158
9900	0.65413	901	0.29155	45	0.13324	133	518.7	2.4	15.276	193	0.14562	158
10000	0.66314	905	0.29200	45	0.13457	132	516.3	2.4	15.469	194	0.14720	159

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TABLE II.—$V=825$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.66814	905	0.29200	45	0.13457	132	516.3	2.4	15.469	194	0.14720	159
10100	0.67219	912	0.29245	45	0.13589	132	513.9	2.4	15.663	196	0.14879	159
10200	0.68131	919	0.29290	45	0.13721	132	511.5	2.4	15.859	196	0.15038	159
10300	0.69050	926	0.29335	45	0.13853	132	509.1	2.4	16.055	197	0.15197	160
10400	0.69976	932	0.29380	45	0.13985	133	506.7	2.3	16.252	198	0.15357	160
10500	0.70908	938	0.29425	45	0.14118	132	504.4	2.4	16.450	199	0.15517	160
10600	0.71846	945	0.29470	46	0.14250	132	502.0	2.3	16.649	200	0.15677	160
10700	0.72791	952	0.29516	45	0.14382	133	499.7	2.4	16.849	201	0.15837	161
10800	0.73743	959	0.29561	46	0.14515	132	497.3	2.3	17.050	202	0.15998	161
10900	0.74702	964	0.29607	45	0.14647	133	495.0	2.3	17.252	203	0.16159	161
11000	0.75666	971	0.29652	46	0.14780	131	492.7	2.3	17.455	204	0.16320	161
11100	0.76637	977	0.29698	46	0.14911	131	490.4	2.3	17.659	206	0.16481	161
11200	0.77614	985	0.29744	45	0.15042	131	488.1	2.3	17.863	205	0.16642	162
11300	0.78599	991	0.29789	46	0.15173	131	485.8	2.2	18.068	207	0.16804	162
11400	0.79590	999	0.29835	46	0.15304	131	483.6	2.3	18.275	207	0.16966	162
11500	0.80589	1005	0.29881	46	0.15435	131	481.3	2.2	18.482	208	0.17128	162
11600	0.81594	1013	0.29927	46	0.15566	132	479.1	2.3	18.690	209	0.17290	162
11700	0.82607	1020	0.29973	45	0.15698	132	476.8	2.2	18.899	210	0.17452	162
11800	0.83627	1026	0.30018	46	0.15830	131	474.6	2.2	19.109	211	0.17614	163
11900	0.84653	1034	0.30064	46	0.15961	132	472.4	2.2	19.320	212	0.17777	163
12000	0.85687	1039	0.30110	46	0.16093	132	470.2	2.2	19.532	213	0.17940	163
12100	0.86726	1047	0.30156	46	0.16224	131	468.0	2.2	19.745	215	0.18103	163
12200	0.87773	1054	0.30202	45	0.16354	131	465.8	2.2	19.960	215	0.18266	164
12300	0.88827	1061	0.30247	46	0.16485	131	463.6	2.1	20.175	217	0.18430	164
12400	0.89888	1069	0.30293	46	0.16616	130	461.5	2.2	20.392	217	0.18594	164
12500	0.90957	1076	0.30339	46	0.16746	131	459.3	2.1	20.609	219	0.18758	164
12600	0.92033	1083	0.30385	46	0.16877	131	457.2	2.2	20.828	219	0.18922	164
12700	0.93116	1091	0.30431	45	0.17008	131	455.0	2.1	21.047	221	0.19086	164
12800	0.94207	1098	0.30476	46	0.17139	131	452.9	2.1	21.268	221	0.19250	165
12900	0.95305	1106	0.30522	46	0.17270	131	450.8	2.1	21.489	223	0.19415	165
13000	0.96411	1111	0.30568	46	0.17401	130	448.7	2.1	21.712	224	0.19580	165
13100	0.97522	1118	0.30614	46	0.17531	131	446.6	2.1	21.936	224	0.19745	166
13200	0.98640	1127	0.30660	45	0.17662	130	444.5	2.1	22.160	226	0.19911	165
13300	0.99767	1134	0.30705	46	0.17792	131	442.4	2.0	22.386	226	0.20076	166
13400	1.00901	1142	0.30751	46	0.17923	130	440.4	2.1	22.612	228	0.20242	166
13500	1.02043	1150	0.30797	46	0.18053	131	438.3	2.0	22.840	229	0.20408	166
13600	1.03193	1158	0.30843	46	0.18184	130	436.3	2.1	23.069	229	0.20574	166
13700	1.04351	1166	0.30889	45	0.18314	131	434.2	2.0	23.298	231	0.20740	166
13800	1.05517	1173	0.30934	46	0.18445	130	432.2	2.0	23.529	231	0.20906	166
13900	1.06690	1182	0.30980	46	0.18575	131	430.2	2.0	23.760	233	0.21072	166
14000	1.07872	1186	0.31026	46	0.18706	131	428.2	2.0	23.993	234	0.21238	167
14100	1.09058	1194	0.31072	45	0.18837	130	426.2	2.0	24.227	235	0.21405	167
14200	1.10252	1204	0.31117	46	0.18967	131	424.2	1.9	24.462	235	0.21572	167
14300	1.11456	1211	0.31163	45	0.19098	131	422.3	2.0	24.697	237	0.21739	167
14400	1.12667	1221	0.31208	46	0.19229	130	420.3	1.9	24.934	238	0.21906	167
14500	1.13888	1229	0.31254	46	0.19359	131	418.4	2.0	25.172	239	0.22073	167
14600	1.15117	1239	0.31300	45	0.19490	131	416.4	1.9	25.411	239	0.22240	167
14700	1.16356	1246	0.31345	46	0.19621	130	414.5	2.0	25.650	241	0.22407	167
14800	1.17602	1256	0.31391	46	0.19751	131	412.5	1.9	25.891	242	0.22574	168
14900	1.18858	1264	0.31437	46	0.19882	131	410.6	1.9	26.133	243	0.22742	168
15000	1.20122	1269	0.31483	46	0.20013	130	408.7	1.9	26.376	245	0.22910	169

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TABLE II. $V=825\,f.\,s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	1.20122	1269	0.31483	46	0.20013	130	408.7	1.9	26.376	245	0.22310	169
15100	1.21391	1279	0.31529	46	0.20143	130	406.8	1.9	26.621	247	0.23079	169
15200	1.22670	1288	0.31575	46	0.20273	129	404.9	1.9	26.868	247	0.23248	169
15300	1.23958	1298	0.31621	46	0.20402	130	403.0	1.9	27.115	249	0.23417	169
15400	1.25256	1307	0.31667	46	0.20532	130	401.1	1.8	27.364	251	0.23586	170
15500	1.26563	1317	0.31713	47	0.20662	130	399.3	1.9	27.615	251	0.23756	170
15600	1.27880	1326	0.31760	46	0.20792	130	397.4	1.9	27.866	253	0.23926	171
15700	1.29206	1336	0.31806	46	0.20922	131	395.5	1.8	28.119	254	0.24097	171
15800	1.30542	1345	0.31852	47	0.21053	130	393.7	1.9	28.373	255	0.24268	171
15900	1.31887	1355	0.31899	46	0.21183	130	391.8	1.8	28.628	257	0.24439	171
16000	1.33242	1362	0.31945	46	0.21313	129	390.0	1.8	28.885	257	0.24610	172
16100	1.34604	1372	0.31991	47	0.21442	128	388.2	1.8	29.142	258	0.24782	172
16200	1.35976	1382	0.32038	46	0.21570	129	386.4	1.8	29.400	260	0.24954	172
16300	1.37358	1392	0.32084	47	0.21699	129	384.6	1.8	29.660	260	0.25126	173
16400	1.38750	1403	0.32131	47	0.21828	129	382.8	1.8	29.920	262	0.25299	173
16500	1.40153	1412	0.32178	46	0.21957	129	381.0	1.8	30.182	263	0.25472	173
16600	1.41565	1422	0.32224	47	0.22086	129	379.2	1.7	30.445	264	0.25645	173
16700	1.42987	1433	0.32271	47	0.22215	129	377.5	1.8	30.709	265	0.25818	174
16800	1.44420	1442	0.32318	47	0.22344	130	375.7	1.8	30.974	266	0.25992	174
16900	1.45862	1453	0.32365	47	0.22474	129	373.9	1.7	31.240	267	0.26166	174
17000	1.47315	1460	0.32412	47	0.22603	127	372.2	1.7	31.507	269	0.26340	174
17100	1.48775	1471	0.32459	47	0.22730	128	370.5	1.8	31.776	271	0.26514	174
17200	1.50246	1481	0.32506	47	0.22858	128	368.7	1.7	32.047	271	0.26688	175
17300	1.51727	1493	0.32553	47	0.22986	127	367.0	1.7	32.318	273	0.26863	175
17400	1.53220	1503	0.32600	48	0.23113	128	365.3	1.7	32.599	274	0.27038	175
17500	1.54723	1513	0.32648	47	0.23241	128	363.6	1.7	32.865	276	0.27213	175
17600	1.56236	1524	0.32695	48	0.23369	128	361.9	1.7	33.141	276	0.27388	175
17700	1.57760	1535	0.32743	47	0.23497	128	360.2	1.7	33.417	278	0.27563	175
17800	1.59295	1546	0.32790	48	0.23625	129	358.5	1.6	33.695	280	0.27738	176
17900	1.60841	1556	0.32838	48	0.23754	128	356.9	1.7	33.975	280	0.27914	176
18000	1.62397	1569	0.32886	48	0.23882	127	355.2	1.6	34.255	282	0.28090	176
18100	1.63966	1571	0.32934	48	0.24009	127	353.6	1.7	34.537	283	0.28266	176
18200	1.65527	1584	0.32982	48	0.24136	127	351.9	1.6	34.820	285	0.28442	176
18300	1.67111	1596	0.33030	48	0.24263	127	350.3	1.7	35.105	285	0.28618	176
18400	1.68707	1609	0.33078	48	0.24390	128	348.6	1.6	35.390	288	0.28794	177
18500	1.70316	1621	0.33126	49	0.24518	127	347.0	1.6	35.678	288	0.28971	177
18600	1.71937	1634	0.33175	48	0.24645	127	345.4	1.6	35.966	290	0.29148	178
18700	1.73571	1646	0.33223	49	0.24772	128	343.8	1.6	36.256	291	0.29326	178
18800	1.75217	1659	0.33272	49	0.24900	127	342.2	1.6	36.547	292	0.29504	178
18900	1.76876	1671	0.33321	49	0.25027	128	340.6	1.6	36.839	294	0.29682	178
19000	1.78547	1676	0.33370	49	0.25155	125	339.0	1.6	37.133	296	0.29860	179
19100	1.80223	1690	0.33419	49	0.25280	125	337.4	1.5	37.429	297	0.30039	180
19200	1.81913	1704	0.33468	49	0.25405	125	335.9	1.6	37.726	299	0.30219	180
19300	1.83617	1718	0.33517	50	0.25530	125	334.3	1.6	38.025	300	0.30399	180
19400	1.85335	1733	0.33567	50	0.25655	126	332.7	1.5	38.325	301	0.30579	181
19500	1.87068	1747	0.33617	50	0.25781	126	331.2	1.6	38.626	308	0.30760	181
19600	1.88815	1762	0.33667	50	0.25907	125	329.6	1.5	38.929	305	0.30941	182
19700	1.90577	1776	0.33717	51	0.26032	126	328.1	1.5	39.234	306	0.31123	182
19800	1.92353	1790	0.33768	51	0.26158	127	326.6	1.6	39.540	307	0.31305	182
19900	1.94143	1804	0.33819	51	0.26285	126	325.0	1.5	39.847	309	0.31487	183
10000	1.95947	1818	0.33870	51	0.26411	124	323.5	1.5	40.156	310	0.31670	183

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TABLE II. $V=850$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	447	0.25000	37	0.00000	146	850.0	4.3	0.000	118	0.00000	146
100	0.00447	449	0.25037	39	0.00146	145	845.7	4.2	0.118	119	0.00146	146
200	0.00896	453	0.25076	39	0.00291	144	841.5	4.2	0.237	119	0.00292	146
300	0.01349	455	0.25115	39	0.00435	143	837.3	4.1	0.356	120	0.00438	146
400	0.01804	459	0.25154	40	0.00578	143	833.2	4.1	0.476	120	0.00584	146
500	0.02263	462	0.25194	40	0.00721	142	829.1	4.1	0.596	121	0.00730	145
600	0.02725	465	0.25234	41	0.00863	141	825.0	4.0	0.717	121	0.00875	146
700	0.03190	468	0.25275	41	0.01004	141	821.0	4.0	0.838	122	0.01021	145
800	0.03658	471	0.25316	42	0.01145	140	817.0	3.9	0.960	123	0.01156	145
900	0.04129	474	0.25358	42	0.01285	139	813.1	3.9	1.083	123	0.01311	145
1000	0.04603	477	0.25400	42	0.01424	139	809.2	3.9	1.206	124	0.01456	144
1100	0.05080	481	0.25442	42	0.01563	138	805.3	3.8	1.330	125	0.01600	145
1200	0.05561	483	0.25484	42	0.01701	137	801.5	3.8	1.455	125	0.01745	144
1300	0.06044	486	0.25526	42	0.01838	136	797.7	3.8	1.580	125	0.01889	144
1400	0.06530	490	0.25568	42	0.01974	135	793.9	3.7	1.705	126	0.02033	145
1500	0.07020	493	0.25610	42	0.02109	134	790.2	3.7	1.831	127	0.02178	144
1600	0.07513	496	0.25652	42	0.02243	135	786.5	3.7	1.958	127	0.02322	144
1700	0.08009	500	0.25694	42	0.02378	134	782.8	3.7	2.085	128	0.02466	145
1800	0.08509	502	0.25736	42	0.02512	134	779.1	3.6	2.213	129	0.02611	144
1900	0.09011	506	0.25778	42	0.02646	134	775.5	3.6	2.342	129	0.02755	144
2000	0.09517	509	0.25820	41	0.02780	134	771.9	3.6	2.471	130	0.02899	144
2100	0.10026	513	0.25861	42	0.02914	134	768.3	3.6	2.601	131	0.03043	144
2200	0.10539	516	0.25903	41	0.03048	134	764.7	3.5	2.732	131	0.03187	144
2300	0.11055	519	0.25944	41	0.03182	134	761.2	3.6	2.863	132	0.03331	144
2400	0.11574	523	0.25985	41	0.03316	134	757.6	3.5	2.995	132	0.03475	145
2500	0.12097	526	0.26026	41	0.03450	134	754.1	3.5	3.127	133	0.03620	144
2600	0.12623	529	0.26067	41	0.03584	134	750.6	3.5	3.260	134	0.03764	144
2700	0.13152	532	0.26108	41	0.03718	134	747.1	3.5	3.394	134	0.03908	144
2800	0.13684	535	0.26149	40	0.03852	134	743.6	3.5	3.528	135	0.04052	144
2900	0.14219	539	0.26189	40	0.03986	134	740.1	3.4	3.663	135	0.04196	144
3000	0.14758	542	0.26229	40	0.04120	134	736.7	3.4	3.798	136	0.04340	143
3100	0.15300	546	0.26269	40	0.04254	134	733.3	3.5	3.934	136	0.04483	144
3200	0.15846	549	0.26309	40	0.04388	134	729.8	3.4	4.070	137	0.04627	144
3300	0.16395	553	0.26349	40	0.04522	134	726.4	3.4	4.207	138	0.04771	144
3400	0.16947	556	0.26389	40	0.04656	134	723.0	3.4	4.345	139	0.04915	144
3500	0.17504	560	0.26429	40	0.04790	134	719.6	3.3	4.484	139	0.05059	144
3600	0.18064	564	0.26469	40	0.04924	134	716.3	3.4	4.623	140	0.05203	144
3700	0.18628	567	0.26509	40	0.05058	135	712.9	3.3	4.763	140	0.05347	144
3800	0.19195	571	0.26549	40	0.05193	134	709.6	3.3	4.903	141	0.05491	145
3900	0.19766	574	0.26589	41	0.05327	134	706.3	3.3	5.044	142	0.05636	145
4000	0.20340	578	0.26630	40	0.05461	134	703.0	3.3	5.186	143	0.05781	145
4100	0.20918	582	0.26670	41	0.05595	134	699.7	3.2	5.329	143	0.05926	145
4200	0.21500	586	0.26711	40	0.05729	133	696.5	3.3	5.472	144	0.06071	145
4300	0.22086	590	0.26751	41	0.05862	134	693.2	3.2	5.616	145	0.06216	145
4400	0.22676	593	0.26792	41	0.05996	134	690.0	3.2	5.761	145	0.06361	146
4500	0.23269	598	0.26833	41	0.06130	134	686.8	3.2	5.906	146	0.06507	146
4600	0.23867	601	0.26874	41	0.06264	134	683.6	3.2	6.052	147	0.06653	146
4700	0.24468	605	0.26915	42	0.06398	133	680.4	3.2	6.199	147	0.06799	146
4800	0.25073	609	0.26957	41	0.06531	134	677.2	3.2	6.346	148	0.06945	147
4900	0.25682	613	0.26998	42	0.06665	134	674.0	3.1	6.494	149	0.07092	147
5000	0.26295	617	0.27040	42	0.06799	133	670.9	3.1	6.643	150	0.07239	147

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TABLE II. *V=850 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.26295	617	0.27040	43	0.06799	133	670.9	3.1	6.643	150	0.07239	147
5100	0.26912	621	0.27083	43	0.06932	134	667.8	3.2	6.793	150	0.07386	147
5200	0.27533	625	0.27126	43	0.07066	133	664.6	3.1	6.943	151	0.07533	148
5300	0.28158	629	0.27169	42	0.07199	134	661.5	3.1	7.094	151	0.07681	147
5400	0.28787	633	0.27211	42	0.07333	133	658.4	3.0	7.245	152	0.07828	148
5500	0.29420	638	0.27254	43	0.07466	134	655.4	3.1	7.397	153	0.07976	148
5600	0.30058	642	0.27297	42	0.07600	133	652.3	3.1	7.550	154	0.08124	149
5700	0.30700	645	0.27339	43	0.07733	134	649.2	3.0	7.704	155	0.08273	148
5800	0.31345	650	0.27382	42	0.07867	133	646.2	3.0	7.859	155	0.08421	149
5900	0.31995	654	0.27424	43	0.08000	134	643.2	3.0	8.014	156	0.08570	149
6000	0.32649	658	0.27467	42	0.08134	134	640.2	3.0	8.170	157	0.08719	149
6100	0.33307	663	0.27509	42	0.08268	134	637.2	3.0	8.327	157	0.08868	150
6200	0.33970	667	0.27551	42	0.08402	134	634.2	2.9	8.484	158	0.09018	150
6300	0.34637	672	0.27593	42	0.08536	134	631.3	2.9	8.642	159	0.09168	150
6400	0.35309	672	0.27635	42	0.08670	134	628.4	3.0	8.801	159	0.09318	150
6500	0.35985	680	0.27677	42	0.08804	134	625.4	2.9	8.960	160	0.09468	150
6600	0.36665	685	0.27719	43	0.08938	134	622.5	2.9	9.120	161	0.09618	151
6700	0.37350	689	0.27762	42	0.09072	134	619.6	2.9	9.281	162	0.09769	151
6800	0.38039	693	0.27804	42	0.09206	134	616.7	2.8	9.443	163	0.09920	151
6900	0.38732	698	0.27846	43	0.09340	134	613.9	2.9	9.606	163	0.10071	151
7000	0.39430	702	0.27889	42	0.09474	134	611.0	2.8	9.769	164	0.10222	151
7100	0.40132	708	0.27931	42	0.09608	133	608.2	2.9	9.933	165	0.10373	152
7200	0.40840	712	0.27973	43	0.09741	134	605.3	2.8	10.098	165	0.10525	152
7300	0.41552	716	0.28016	43	0.09875	134	602.5	2.8	10.263	166	0.10677	152
7400	0.42268	722	0.28059	43	0.10009	133	599.7	2.8	10.429	167	0.10829	153
7500	0.42990	726	0.28102	43	0.10142	134	596.9	2.8	10.596	168	0.10982	152
7600	0.43716	732	0.28145	43	0.10276	134	594.1	2.8	10.764	169	0.11134	153
7700	0.44448	736	0.28188	43	0.10410	134	591.3	2.7	10.933	170	0.11287	153
7800	0.45184	740	0.28231	43	0.10544	133	588.6	2.8	11.103	170	0.11440	153
7900	0.45924	746	0.28275	43	0.10677	134	585.8	2.7	11.273	171	0.11593	154
8000	0.46670	751	0.28318	44	0.10811	133	583.1	2.7	11.444	172	0.11747	154
8100	0.47421	756	0.28362	44	0.10944	133	580.4	2.7	11.616	173	0.11901	154
8200	0.48177	761	0.28406	44	0.11077	133	577.7	2.7	11.789	173	0.12055	154
8300	0.48938	766	0.28450	44	0.11210	133	575.0	2.7	11.962	174	0.12209	154
8400	0.49704	771	0.28494	44	0.11343	133	572.3	2.7	12.136	175	0.12363	155
8500	0.50475	776	0.28538	43	0.11476	133	569.6	2.7	12.311	176	0.12518	155
8600	0.51251	781	0.28581	44	0.11609	133	566.9	2.6	12.487	177	0.12673	155
8700	0.52032	787	0.28625	44	0.11742	133	564.3	2.7	12.664	178	0.12828	155
8800	0.52819	791	0.28669	43	0.11875	133	561.6	2.6	12.842	179	0.12983	155
8900	0.53610	797	0.28712	43	0.12008	133	559.0	2.6	13.021	179	0.13138	156
9000	0.54407	802	0.28755	43	0.12141	133	556.4	2.6	13.200	180	0.13294	156
9100	0.55209	808	0.28798	43	0.12274	133	553.8	2.6	13.380	181	0.13450	156
9200	0.56017	813	0.28841	43	0.12407	133	551.2	2.5	13.561	182	0.13606	157
9300	0.56830	818	0.28884	43	0.12540	133	548.7	2.6	13.743	183	0.13763	156
9400	0.57648	824	0.28927	43	0.12673	132	546.1	2.6	13.926	183	0.13919	157
9500	0.58472	830	0.28970	44	0.12805	133	543.5	2.5	14.109	184	0.14076	157
9600	0.59302	835	0.29014	43	0.12938	133	541.0	2.5	14.293	185	0.14233	157
9700	0.60137	840	0.29057	44	0.13071	133	538.5	2.5	14.478	186	0.14390	157
9800	0.60977	846	0.29101	45	0.13204	133	536.0	2.5	14.664	187	0.14547	157
9900	0.61823	851	0.29146	45	0.13337	133	533.5	2.5	14.851	188	0.14704	157
10000	0.62674	859	0.29190	45	0.13470	133	531.0	2.5	15.039	189	0.14861	158

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TABLE II. $V=850$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.62674	859	0.29190	45	0.13470	132	531.0	2.5	15.039	189	0.14861	158
10100	0.63533	864	0.29235	45	0.13602	131	528.5	2.4	15.228	189	0.15019	158
10200	0.64397	871	0.29280	46	0.13733	131	526.1	2.5	15.417	190	0.15177	158
10300	0.65268	876	0.29326	45	0.13864	132	523.6	2.4	15.607	191	0.15335	159
10400	0.66144	882	0.29371	45	0.13996	131	521.2	2.4	15.798	192	0.15494	159
10500	0.67026	888	0.29416	46	0.14127	131	518.8	2.4	15.990	193	0.15653	159
10600	0.67914	894	0.29462	45	0.14258	132	516.4	2.4	16.183	194	0.15812	159
10700	0.68808	900	0.29507	46	0.14390	131	514.0	2.4	16.377	195	0.15971	160
10800	0.69708	904	0.29553	45	0.14521	132	511.6	2.4	16.572	196	0.16131	160
10900	0.70612	908	0.29598	46	0.14653	131	509.2	2.4	16.768	197	0.16291	160
11000	0.71520	913	0.29644	46	0.14784	132	506.8	2.4	16.965	198	0.16451	160
11100	0.72433	918	0.29690	46	0.14916	131	504.4	2.4	17.163	199	0.16611	161
11200	0.73351	924	0.29736	46	0.15047	132	502.1	2.3	17.362	200	0.16772	161
11300	0.74275	931	0.29782	46	0.15179	132	499.7	2.4	17.562	201	0.16933	161
11400	0.75206	940	0.29828	46	0.15311	131	497.4	2.3	17.763	202	0.17094	161
11500	0.76146	947	0.29874	45	0.15442	132	495.1	2.3	17.965	203	0.17255	162
11600	0.77093	956	0.29919	46	0.15574	132	492.8	2.3	18.168	204	0.17417	162
11700	0.78049	963	0.29965	46	0.15706	132	490.5	2.3	18.372	204	0.17579	162
11800	0.79012	970	0.30011	46	0.15838	132	488.2	2.3	18.576	205	0.17741	162
11900	0.79982	977	0.30057	46	0.15970	132	485.9	2.3	18.781	206	0.17903	163
12000	0.80959	983	0.30103	46	0.16102	132	483.6	2.3	18.987	207	0.18066	163
12100	0.81942	988	0.30149	46	0.16234	132	481.3	2 2	19.194	209	0.18229	163
12200	0.82930	995	0.30195	46	0.16366	132	479.1	2.2	19.403	210	0.18392	163
12300	0.83925	1001	0.30241	46	0.16498	132	476.9	2.3	19.613	210	0.18555	163
12400	0.84926	1009	0.30287	46	0.16630	131	474.6	2.2	19.823	211	0.18718	164
12500	0.85935	1016	0.30333	46	0.16761	132	472.4	2.2	20.034	212	0.18882	164
12600	0.86951	1023	0.30379	46	0.16893	132	470.2	2.2	20.246	213	0.19046	164
12700	0.87974	1030	0.30425	45	0.17025	131	468.0	2.2	20.459	214	0.19210	165
12800	0.89004	1037	0.30470	46	0.17156	132	465.8	2.1	20.673	215	0.19375	165
12900	0.90041	1044	0.30516	46	0.17288	131	463.7	2.2	20.888	216	0.19540	165
13000	0.91085	1048	0.30562	46	0.17419	132	461.5	2.2	21.104	217	0.19705	165
13100	0.92133	1056	0.30608	45	0.17551	131	459.3	2.1	21.321	218	0.19870	165
13200	0.93189	1064	0.30653	46	0.17682	131	457.2	2.1	21.539	219	0.20035	165
13300	0.94253	1071	0.30699	46	0.17813	132	455.1	2.2	21.758	220	0.20200	166
13400	0.95324	1080	0.30745	46	0.17945	131	452.9	2.1	21.978	221	0.20366	166
13500	0.96404	1087	0.30791	45	0.18076	131	450.8	2.1	22.199	223	0.20532	166
13600	0 97491	1094	0.30836	46	0.18207	131	448.7	2.1	22.422	224	0.20698	166
13700	0.98585	1103	0.30882	46	0.18338	131	446.6	2.1	22.646	225	0.20864	167
13800	0.99688	1110	0.30928	45	0.18469	130	444.5	2.0	22.871	226	0.21031	167
13900	1.00798	1118	0.30973	46	0.18599	131	442.5	2.1	23.097	226	0.21198	167
14000	1.01916	1124	0.31019	45	0.18730	131	440.4	2.0	23.323	227	0.21365	167
14100	1.03040	1137	0.31064	46	0.18861	130	438.4	2.1	23.550	229	0.21532	168
14200	1.04173	1140	0.31110	45	0.18991	131	436.3	2.0	23.779	230	0.21700	168
14300	1.05313	1149	0.31155	46	0.19122	130	434.3	2.0	24.009	231	0.21868	168
14400	1.06462	1157	0.31201	45	0.19252	130	432.3	2.0	24.240	232	0.22036	169
14500	1.07619	1164	0.31246	46	0.19382	130	430.3	2.0	24.472	233	0.22204	169
14600	1.08783	1172	0.31292	46	0.19512	130	428.2	2.0	24.705	234	0.22373	169
14700	1.09955	1180	0.31338	46	0.19642	130	426.2	1.9	24.939	235	0.22541	169
14800	1.11135	1188	0.31384	46	0.19772	129	424.3	2.0	25.174	236	0.22710	169
14900	1.12323	1196	0.31430	46	0.19901	130	422.3	2.0	25.410	237	0.22879	170
15000	1.13519	1202	0.31476	46	0.20031	129	420.3	3.0	25.647	238	0.23049	170

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TABLE II. $V=850$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	$\blacktriangle$	H	$\blacktriangle$	$\log B'$	Δ	u	Δ	T'	$\blacktriangle$	$\log Q$	Δ
15000	1.13519	1202	0.31476	46	0.20031	129	420.3	2.0	25.647	238	0.23049	170
15100	1.14721	1210	0.31522	45	0.20160	129	418.3	1.9	25.885	240	0.23219	170
15200	1.15931	1220	0.31567	46	0.20289	129	416.4	1.9	26.125	241	0.23389	170
15300	1.17151	1228	0.31613	46	0.20418	129	414.5	2.0	26.366	242	0.23559	170
15400	1.18379	1238	0.31659	46	0.20547	129	412.5	1.9	26.608	243	0.23729	171
15500	1.19617	1246	0.31705	46	0.20676	129	410.6	1.9	26.851	244	0.23900	171
15600	1.20863	1255	0.31751	47	0.20805	129	408.7	1.9	27.095	245	0.24071	171
15700	1.22118	1264	0.31798	46	0.20934	129	406.8	1.9	27.340	247	0.24242	171
15800	1.23382	1274	0.31844	46	0.21063	129	404.9	1.9	27.587	247	0.24413	171
15900	1.24656	1282	0.31890	47	0.21192	129	403.0	1.9	27.834	249	0.24584	172
16000	1.25938	1290	0.31937	47	0.21321	129	401.1	1.9	28.083	250	0.24756	172
16100	1.27228	1299	0.31984	47	0.21450	129	399.2	1.8	28.333	251	0.24928	173
16200	1.28527	1309	0.32031	47	0.21579	129	397.4	1.9	28.584	252	0.25101	173
16300	1.29836	1318	0.32078	47	0.21708	128	395.5	1.8	28.836	253	0.25274	173
16400	1.31154	1328	0.32125	47	0.21836	129	393.7	1.8	29.089	255	0.25447	173
16500	1.32482	1337	0.32172	47	0.21965	128	391.9	1.9	29.344	256	0.25620	173
16600	1.33819	1346	0.32219	47	0.22093	129	390.0	1.8	29.600	257	0.25793	174
16700	1.35165	1356	0.32266	47	0.22222	128	388.2	1.8	29.857	258	0.25967	174
16800	1.36521	1365	0.32313	48	0.22350	128	386.4	1.8	30.115	259	0.26141	174
16900	1.37886	1375	0.32361	47	0.22478	128	384.6	1.8	30.374	261	0.26315	175
17000	1.39261	1380	0.32408	48	0.22606	128	382.8	1.8	30.635	262	0.26490	175
17100	1.40641	1390	0.32456	47	0.22734	127	381.0	1.8	30.897	263	0.26665	175
17200	1.42031	1401	0.32503	48	0.22861	128	379.2	1.7	31.160	264	0.26840	175
17300	1.43432	1411	0.32551	48	0.22989	127	377.5	1.8	31.424	265	0.27015	175
17400	1.44843	1422	0.32599	47	0.23116	128	375.7	1.7	31.689	267	0.27190	176
17500	1.46265	1432	0.32646	48	0.23244	127	374.0	1.8	31.956	268	0.27366	176
17600	1.47697	1442	0.32694	48	0.23371	127	377.2	1.7	32.224	269	0.27542	176
17700	1.49139	1453	0.32742	48	0.23498	128	370.5	1.8	32.493	271	0.27718	176
17800	1.50592	1463	0.32790	48	0.23626	127	368.7	1.7	32.764	272	0.27894	176
17900	1.52055	1474	0.32838	48	0.23753	127	367.0	1.7	33.036	273	0.28070	177
18000	1.53529	1480	0.32886	48	0.23880	127	365.3	1.7	33.309	274	0.28247	177
18100	1.55009	1492	0.32934	49	0.24007	128	363.6	1.7	33.583	275	0.28424	177
18200	1.56501	1502	0.32983	48	0.24135	127	361.9	1.7	33.858	277	0.28601	177
18300	1.58003	1514	0.33031	48	0.24262	127	360.2	1.7	34.135	278	0.28778	178
18400	1.59517	1526	0.33079	49	0.24389	127	358.5	1.6	34.413	280	0.28956	178
18500	1.61043	1536	0.33128	48	0.24516	126	356.9	1.7	34.693	281	0.29134	178
18600	1.62579	1547	0.33176	49	0.24642	127	355.2	1.7	34.974	282	0.29312	178
18700	1.64126	1559	0.33225	49	0.24769	127	353.5	1.6	35.256	284	0.29490	179
18800	1.65685	1570	0.33274	48	0.24856	127	351.9	1.7	35.540	285	0.29669	179
18900	1.67255	1581	0.33322	49	0.25023	126	350.2	1.6	35.825	287	0.29848	179
19000	1.68836	1589	0.33371	49	0.25149	127	348.6	1.6	36.112	288	0.30027	179
19100	1.70425	1601	0.33420	49	0.25276	126	347.0	1.6	36.400	289	0.30206	180
19200	1.72026	1613	0.33469	49	0.25402	127	345.4	1.6	36.689	291	0.30386	180
19300	1.73639	1625	0.33518	49	0.25529	126	343.8	1.6	36.980	293	0.30566	180
19400	1.75264	1637	0.33567	49	0.25655	126	342.2	1.6	37.273	294	0.30746	180
19500	1.76901	1649	0.33616	49	0.25781	126	340.6	1.6	37.567	295	0.30926	180
19600	1.78550	1662	0.33665	49	0.25907	126	339.0	1.6	37.862	296	0.31107	181
19700	1.80212	1673	0.33714	49	0.26033	126	337.4	1.6	38.158	297	0.31288	181
19800	1.81885	1685	0.33763	49	0.26159	125	335.8	1.5	38.455	299	0.31469	181
19900	1.83570	1698	0.33812	49	0.26284	126	334.3	1.6	38.754	300	0.31650	182
20000	1.85268	1711	0.33861	49	0.26410	126	332.7	1.6	39.054	301	0.31832	181

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TABLE II. $V=875$ *f. s.*—Continued.

$z=\frac{X}{C}$	A	Δ	H	Δ	log B'	Δ	v	Δ	T'	Δ	log Q	Δ
0	0.00000	422	0.25000	42	0.00000	150	875.0	4.5	0.000	115	0.00000	155
100	0.00422	424	0.25042	42	0.00150	149	870.5	4.5	0.115	115	0.00155	155
200	0.00846	427	0.25084	41	0.00299	148	866.0	4.4	0.230	116	0.00310	154
300	0.01273	431	0.25125	42	0.00447	148	861.6	4.4	0.346	116	0.00464	154
400	0.01704	433	0.25167	42	0.00595	147	857.2	4.3	0.462	117	0.00618	153
500	0.02137	436	0.25209	42	0.00742	146	852.9	4.3	0.579	118	0.00771	152
600	0.02573	439	0.25251	42	0.00888	145	848.6	4.3	0.697	118	0.00923	152
700	0.03012	443	0.25293	41	0.01033	145	844.3	4.2	0.815	119	0.01075	151
800	0.03455	445	0.25334	42	0.01178	144	840.1	4.2	0.934	119	0.01226	151
900	0.03900	448	0.25376	42	0.01322	143	835.9	4.1	1.053	120	0.01377	150
1000	0.04348	451	0.25418	42	0.01465	142	831.8	4.1	1.173	120	0.01527	150
1100	0.04799	454	0.25460	42	0.01607	142	827.7	4.0	1.293	121	0.01677	149
1200	0.05253	457	0.25502	42	0.01749	141	823.7	4.0	1.414	122	0.01826	149
1300	0.05710	461	0.25544	42	0.01890	140	819.7	4.0	1.536	122	0.01975	149
1400	0.06171	463	0.25586	42	0.02030	140	815.7	3.9	1.658	123	0.02124	148
1500	0.06634	467	0.25628	42	0.02170	139	811.8	3.9	1.781	123	0.02272	148
1600	0.07101	469	0.25670	42	0.02309	138	807.9	3.9	1.904	124	0.02420	148
1700	0.07570	473	0.25712	42	0.02447	137	804.0	3.8	2.028	125	0.02568	148
1800	0.08043	476	0.25754	42	0.02584	137	800.2	3.8	2.153	125	0.02716	147
1900	0.08519	479	0.25796	42	0.02721	136	796.4	3.7	2.278	126	0.02863	147
2000	0.08998	482	0.25838	43	0.02857	134	792.7	3.7	2.404	127	0.03010	147
2100	0.09480	485	0.25881	42	0.02991	134	789.0	3.7	2.531	127	0.03157	147
2200	0.09965	489	0.25923	42	0.03125	133	785.3	3.7	2.658	128	0.03304	147
2300	0.10454	491	0.25965	42	0.03258	134	781.6	3.6	2.786	128	0.03451	147
2400	0.10945	495	0.26007	42	0.03392	133	778.0	3.7	2.914	129	0.03598	148
2500	0.11440	498	0.26049	41	0.03525	133	774.3	3.6	3.043	130	0.03746	147
2600	0.11938	501	0.26090	42	0.03658	134	770.7	3.6	3.173	130	0.03893	147
2700	0.12439	505	0.26132	41	0.03792	133	767.1	3.6	3.303	131	0.04040	147
2800	0.12944	507	0.26173	41	0.03925	134	763.5	3.6	3.434	131	0.04187	147
2900	0.13451	511	0.26214	41	0.04059	133	759.9	3.5	3.565	132	0.04334	147
3000	0.13962	514	0.26255	40	0.04192	133	756.4	3.5	3.697	132	0.04481	147
3100	0.14476	518	0.26295	39	0.04325	133	752.9	3.5	3.829	133	0.04628	147
3200	0.14994	521	0.26334	40	0.04458	132	749.4	3.5	3.962	134	0.04775	146
3300	0.15515	524	0.26374	40	0.04590	133	745.9	3.5	4.096	134	0.04921	147
3400	0.16039	528	0.26414	40	0.04723	133	742.4	3.4	4.230	135	0.05068	147
3500	0.16567	531	0.26454	40	0.04856	133	739.0	3.5	4.365	136	0.05215	147
3600	0.17098	534	0.26494	40	0.04989	133	735.5	3.4	4.501	136	0.05362	147
3700	0.17632	538	0.26534	40	0.05122	132	732.1	3.4	4.637	137	0.05509	140
3800	0.18170	541	0.26574	41	0.05254	133	728.7	3.4	4.774	138	0.05655	146
3900	0.18711	545	0.26615	40	0.05387	133	725.3	3.4	4.912	138	0.05802	147
4000	0.19256	548	0.26655	41	0.05520	133	721.9	3.4	5.050	139	0.05949	147
4100	0.19804	552	0.26696	40	0.05653	133	718.5	3.3	5.189	139	0.06096	147
4200	0.20356	556	0.26736	41	0.05786	133	715.2	3.4	5.328	140	0.06243	148
4300	0.20912	559	0.26777	41	0.05919	133	711.8	3.3	5.468	141	0.06391	148
4400	0.21471	563	0.26818	41	0.06052	133	708.5	3.3	5.609	141	0.06539	147
4500	0.22034	566	0.26859	41	0.06185	134	705.2	3.3	5.750	142	0.06686	148
4600	0.22600	571	0.26900	41	0.06319	133	701.9	3.3	5.892	143	0.06834	148
4700	0.23171	574	0.26941	41	0.06452	133	698.6	3.2	6.035	143	0.06982	148
4800	0.23745	577	0.26982	42	0.06858	133	695.4	3.3	6.178	144	0.07130	148
4900	0.24322	581	0.27024	41	0.06718	133	692.1	3.2	6.322	145	0.07278	148
5000	0.24903	585	0.27065	42	0.06851	133	688.9	3.2	6.467	145	0.07426	148

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TABLE II. $V=875\,f.\,s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.24903	585	0.27065	42	0.06851	133	688.9	3.2	6.467	145	0.07426	148
5100	0.25488	589	0.27107	42	0.06984	133	685.7	3.2	6.612	146	0.07574	149
5200	0.26077	593	0.27149	42	0.07117	133	682.5	3.2	6.758	147	0.07723	149
5300	0.26670	596	0.27191	42	0.07250	133	679.3	3.2	6.905	148	0.07872	149
5400	0.27266	601	0.27233	42	0.07383	133	676.1	3.1	7.053	148	0.08021	149
5500	0.27867	604	0.27275	42	0.07516	134	673.0	3.2	7.201	149	0.08170	149
5600	0.28471	609	0.27317	42	0.07650	133	669.8	3.1	7.350	150	0.08319	149
5700	0.29080	612	0.27359	42	0.07783	133	666.7	3.1	7.500	150	0.08468	150
5800	0.29692	616	0.27401	42	0.07916	133	663.6	3.1	7.650	151	0.08618	150
5900	0.30308	620	0.27443	42	0.08049	133	660.5	3.1	7.801	152	0.08768	150
6000	0.30928	624	0.27485	43	0.08182	133	657.4	3.1	7.953	153	0.08918	150
6100	0.31552	629	0.27528	42	0.08315	133	654.3	3.0	8.106	153	0.09068	151
6200	0.32181	632	0.27570	43	0.08448	133	651.3	3.0	8.259	154	0.09219	150
6300	0.32813	637	0.27613	42	0.08581	133	648.3	3.1	8.413	155	0.09369	151
6400	0.33450	641	0.27655	43	0.08714	133	645.2	3.0	8.568	155	0.09520	151
6500	0.34091	645	0.27698	43	0.08847	134	642.2	3.0	8.723	156	0.09671	151
6600	0.34736	650	0.27741	42	0.08981	133	639.2	2.9	8.879	157	0.09822	151
6700	0.35386	653	0.27783	43	0.09114	133	636.3	3.0	9.036	158	0.09973	152
6800	0.36039	658	0.27826	42	0.09247	133	633.3	3.0	9.194	158	0.10125	151
6900	0.36697	662	0.27868	43	0.09380	133	630.3	2.9	9.352	159	0.10276	152
7000	0.37359	667	0.27911	43	0.09513	133	627.4	2.9	9.511	160	0.10428	152
7100	0.38026	671	0.27954	43	0.09646	133	624.5	2.9	9.671	160	0.10580	152
7200	0.38697	675	0.27997	43	0.09779	133	621.6	2.9	9.831	161	0.10732	153
7300	0.39372	680	0.28040	43	0.09912	133	618.7	2.9	9.992	162	0.10885	153
7400	0.40052	685	0.28083	44	0.10045	132	615.8	2.9	10.154	163	0.11028	153
7500	0.40737	689	0.28127	43	0.10177	133	612.9	2.9	10.317	163	0.11181	153
7600	0.41426	693	0.28170	43	0.10310	133	610.0	2.8	10.480	164	0.11334	153
7700	0.42119	698	0.28213	43	0.10443	133	607.2	2.9	10.644	165	0.11487	153
7800	0.42817	703	0.28256	43	0.10576	133	604.3	2.8	10.809	166	0.11640	154
7900	0.43520	707	0.28299	43	0.10709	133	601.5	2.8	10.975	167	0.11794	154
8000	0.44227	712	0.28342	43	0.10842	133	598.7	2.8	11.142	167	0.11958	154
8100	0.44939	716	0.28385	44	0.10975	133	595.9	2.8	11.309	168	0.12112	154
8200	0.45655	722	0.28429	43	0.11108	132	593.1	2.7	11.477	169	0.12266	155
8300	0.46377	726	0.28472	44	0.11240	133	590.4	2.8	11.646	170	0.12421	154
8400	0.47103	731	0.28516	43	0.11373	133	587.6	2.7	11.816	171	0.12575	155
8500	0.47834	736	0.28559	43	0.11506	133	584.9	2.7	11.987	171	0.12730	155
8600	0.48570	741	0.28602	44	0.11639	133	582.2	2.7	12.158	172	0.12885	156
8700	0.49311	746	0.28646	43	0.11772	132	579.5	2.7	12.330	173	0.13041	155
8800	0.50057	751	0.28689	44	0.11904	133	576.8	2.7	12.503	174	0.13196	156
8900	0.50808	755	0.28733	43	0.12037	133	574.1	2.7	12.677	175	0.13352	156
9000	0.51563	760	0.28776	43	0.12170	132	571.4	2.7	12.852	176	0.13508	156
9100	0.52323	766	0.28819	44	0.12302	133	568.7	2.6	13.028	176	0.13664	157
9200	0.53089	771	0.28863	43	0.12435	132	566.1	2.7	13.204	177	0.13821	156
9300	0.53860	776	0.28906	43	0.12567	133	563.4	2.6	13.381	178	0.13977	157
9400	0.54636	782	0.28949	44	0.12700	132	560.8	2.6	13.559	179	0.14134	157
9500	0.55418	786	0.28993	44	0.12832	133	558.2	2.6	13.738	179	0.14291	157
9600	0.56204	792	0.29037	43	0.12965	132	555.6	2.6	13.917	180	0.14448	158
9700	0.56996	797	0.29080	44	0.13097	133	553.0	2.6	14.097	181	0.14606	158
9800	0.57793	802	0.29124	44	0.13230	132	550.4	2.5	14.278	183	0.14764	157
9900	0.58595	808	0.29168	44	0.13362	133	547.9	2.6	14.461	183	0.14921	157
10000	0.59403	813	0.29212	44	0.13495	133	545.3	2.6	14.644	185	0.15080	158

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TABLE II. *V=875 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.59403	813	0.29212	44	0.13495	133	545.3	26	14.644	185	0.15080	158
10100	0.60216	819	0.29256	45	0.13628	132	542.7	25	14.829	184	0.15238	159
10200	0.61035	824	0.29301	45	0.13760	132	540.2	25	15.013	185	0.15397	159
10300	0.61859	830	0.29346	44	0.13892	132	537.7	25	15.198	186	0.15556	159
10400	0.62689	836	0.29390	45	0.14024	132	535.2	25	15.384	187	0.15715	159
10500	0.63525	841	0.29435	44	0.14156	132	532.7	25	15.571	188	0.15874	160
10600	0.64366	847	0.29479	45	0.14288	132	530.2	24	15.759	189	0.16034	159
10700	0.65213	853	0.29524	44	0.14420	132	527.8	25	15.948	190	0.16193	160
10800	0.66066	858	0.29568	44	0.14552	132	525.3	25	16.138	191	0.16353	161
10900	0.66924	864	0.29612	45	0.14684	132	522.8	24	16.329	192	0.16514	160
11000	0.67788	869	0.29657	45	0.14816	132	520.4	24	16.521	193	0.16674	161
11100	0.68657	873	0.29702	45	0.14948	131	518.0	24	16.714	193	0.16835	161
11200	0.69530	878	0.29747	46	0.15079	131	515.6	25	16.907	195	0.16996	161
11300	0.70408	885	0.29793	45	0.15210	132	513.1	24	17.102	195	0.17157	161
11400	0.71293	893	0.29838	45	0.15342	132	510.7	23	17.297	197	0.17318	161
11500	0.72186	900	0.29883	45	0.15474	131	508.4	24	17.494	197	0.17479	162
11600	0.73086	909	0.29928	45	0.15605	131	506.0	24	17.691	198	0.17641	163
11700	0.73995	915	0.29973	46	0.15736	132	503.6	23	17.889	199	0.17804	162
11800	0.74910	921	0.30019	45	0.15868	132	501.3	24	18.088	200	0.17966	162
11900	0.75831	924	0.30064	45	0.16000	131	498.9	23	18.288	201	0.18128	163
12000	0.76755	930	0.30109	46	0.16131	131	496.6	23	18.489	202	0.18291	163
12100	0.77685	937	0.30155	45	0.16262	131	494.3	23	18.691	202	0.18454	163
12200	0.78622	943	0.30200	46	0.16393	131	492.0	23	18.893	204	0.18617	164
12300	0.79565	950	0.30246	46	0.16524	131	489.7	23	19.097	205	0.18781	163
12400	0.80515	957	0.30292	46	0.16655	131	487.4	23	19.302	206	0.18944	164
12500	0.81472	963	0.30338	45	0.16786	130	485.1	23	19.508	206	0.19108	164
12600	0.82435	969	0.30383	46	0.16916	131	482.8	22	19.714	208	0.19272	165
12700	0.83404	976	0.30429	46	0.17047	131	480.6	22	19.922	209	0.19437	164
12800	0.84380	983	0.30475	45	0.17178	131	478.4	23	20.131	209	0.19601	165
12900	0.85363	989	0.30520	46	0.17309	131	476.1	22	20.340	211	0.19766	165
13000	0.86352	996	0.30566	46	0.17440	131	473.9	22	20.551	212	0.19931	165
13100	0.87348	1002	0.30612	46	0.17571	130	471.7	22	20.763	212	0.20096	166
13200	0.88350	1010	0.30658	46	0.17701	130	469.5	22	20.975	214	0.20262	166
13300	0.89360	1017	0.30704	46	0.17831	131	467.3	22	21.189	214	0.20428	165
13400	0.90377	1024	0.30750	47	0.17962	130	465.1	21	21.403	216	0.20593	167
13500	0.91401	1030	0.30797	46	0.18092	131	463.0	22	21.619	217	0.20760	166
13600	0.92431	1038	0.30843	46	0.18223	131	460.8	21	21.836	217	0.20926	167
13700	0.93469	1045	0.30889	46	0.18354	130	458.7	22	22.053	219	0.21093	167
13800	0.94514	1051	0.30935	46	0.18484	131	456.5	21	22.272	219	0.21260	167
13900	0.95565	1059	0.30981	46	0.18615	130	454.4	21	22.491	221	0.21427	167
14000	0.96624	1066	0.31027	46	0.18745	130	452.3	21	22.712	221	0.21594	168
14100	0.97690	1073	0.31073	47	0.18875	130	450.2	21	22.933	223	0.21762	167
14200	0.98763	1081	0.31120	46	0.19005	130	448.1	21	23.156	223	0.21929	168
14300	0.99844	1089	0.31166	47	0.19135	130	446.0	21	23.379	225	0.22097	168
14400	1.00933	1096	0.31213	46	0.19265	130	443.9	20	23.604	226	0.22265	169
14500	1.02029	1103	0.31259	46	0.19395	129	441.9	21	23.830	226	0.22434	168
14600	1.03132	1111	0.31305	47	0.19524	130	439.8	21	24.056	228	0.22602	169
14700	1.04243	1119	0.31352	46	0.19654	130	437.7	20	24.284	230	0.22771	169
14800	1.05362	1126	0.31398	46	0.19784	130	435.7	21	24.514	230	0.22940	170
14900	1.06488	1134	0.31444	47	0.19914	130	433.6	20	24.744	231	0.23110	169
15000	1.07622	1142	0.31491	47	0.20044	129	431.6	20	24.975	232	0.23279	170

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TABLE II. $V=875$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	1.07622	1142	0.31491	47	0.20044	129	431.6	20	24.975	232	0.23279	170
15100	1.08764	1150	0.31538	47	0.20173	129	429.6	20	25.207	233	0.23449	170
15200	1.09914	1158	0.31585	46	0.20302	129	427.6	20	25.440	235	0.23619	170
15300	1.11072	1166	0.31631	47	0.20431	129	425.6	20	25.675	235	0.23789	171
15400	1.12238	1175	0.31678	47	0.20560	129	423.6	20	25.910	237	0.23960	171
15500	1.13413	1182	0.31725	47	0.20689	130	421.6	20	26.147	237	0.24131	171
15600	1.14595	1190	0.31772	47	0.20819	129	419.6	19	26.384	239	0.24302	171
15700	1.15785	1199	0.31819	46	0.20948	129	417.7	19	26.623	239	0.24473	171
15800	1.16984	1207	0.31865	47	0.21077	129	415.8	20	26 864	241	0.24644	172
15900	1.18191	1215	0.31912	47	0.21206	129	413.8	19	27.105	242	0.24816	172
16000	1.19406	1224	0.31959	47	0.21335	128	411.9	19	27.347	243	0.24988	172
16100	1.20630	1232	0.32006	48	0.21463	129	410.0	19	27.590	245	0.25160	173
16200	1.21862	1242	0.32054	47	0.21592	128	408.1	20	27.835	245	0.25333	173
16300	1.23104	1250	0.32101	47	0.21720	128	406.1	19	28.080	247	0.25506	173
16400	1.24354	1259	0.32148	48	0.21848	129	404.2	18	28.327	248	0.25679	173
16500	1.25613	1267	0.32196	47	0.21977	128	402.4	19	28.575	249	0.25852	174
16600	1.26880	1276	0.32243	47	0.22105	128	400.5	19	28.824	251	0.26026	173
16700	1.28156	1285	0.32290	47	0.22233	128	398.6	18	29.075	251	0.26199	174
16800	1.29441	1294	0.32337	47	0.22361	129	396.8	19	29.326	253	0.26373	175
16900	1.30735	1303	0.32384	48	0.22490	128	394.9	18	29.579	254	0.26548	174
17000	1.32038	1312	0.32432	48	0.22618	128	393.1	18	29.833	255	0.26722	175
17100	1.33350	1321	0.32480	48	0.22746	128	391.3	19	30.088	256	0.26897	175
17200	1.34671	1330	0.32528	47	0.22874	127	389.4	18	30.344	257	0.27072	175
17300	1.36001	1340	0.32575	48	0.23001	127	387.6	18	30.601	259	0.27247	175
17400	1.37341	1350	0.32623	48	0.23128	128	385.8	18	30.860	260	0.27422	176
17500	1.38691	1359	0.32671	48	0.23256	127	384.0	18	31.120	261	0.27598	176
17600	1.40050	1368	0.32719	48	0.23383	128	382.2	18	31.381	262	0.27774	176
17700	1.41418	1377	0.32767	47	0.23511	127	380.4	18	31.643	264	0.27950	177
17800	1.42795	1387	0.32814	48	0.23638	128	378.6	17	31.907	265	0.28127	176
17900	1.44182	1397	0.32862	48	0.23766	127	376.9	18	32.172	266	0.28303	177
18000	1.45579	1406	0.32910	48	0.23893	127	375.1	18	32.438	267	0.28480	177
18100	1.46985	1417	0.32958	48	0.24020	127	373.3	17	32.705	268	0.28657	178
18200	1.48402	1427	0.33006	48	0.24147	127	371.6	17	32.973	270	0.28835	177
18300	1.49829	1436	0.33054	48	0.24274	126	369.9	18	33.243	270	0.29012	178
18400	1.51265	1448	0.33102	48	0.24400	127	368.1	17	33.513	273	0.29190	178
18500	1.52713	1457	0.33150	48	0.24527	127	366.4	17	33.786	273	0.29368	179
18600	1.54170	1467	0.33198	48	0.24654	127	364.7	17	34.059	275	0.29547	178
18700	1.55637	1478	0.33246	48	0.24781	126	363.0	17	34.334	276	0.29725	179
18800	1.57115	1488	0.33294	48	0.24907	127	361.3	16	34.610	277	0.29904	179
18900	1.58603	1498	0.33342	48	0.25034	127	359.7	17	34.887	279	0.30083	179
19000	1.60101	1509	0.33390	48	0.25161	126	358.0	17	35.166	280	0.30262	180
19100	1.61610	1520	0.33438	48	0.25287	126	356.3	16	35.446	281	0.30442	180
19200	1.63130	1530	0.33486	49	0.25413	126	354.7	17	35.727	282	0.30622	180
19300	1.64660	1542	0.33535	48	0.25539	126	353.0	17	36.009	284	0.30802	180
19400	1.66202	1554	0.33583	48	0.25665	125	351.3	16	36.293	285	0.30982	181
19500	1.67756	1563	0.33631	48	0.25790	126	349.7	16	36.578	287	0.31163	181
19600	1.69319	1575	0.33679	48	0.25916	126	348.1	17	36.865	288	0.31344	181
19700	1.70894	1586	0.33727	49	0.26042	125	346.4	16	37.153	289	0.31525	181
19800	1.72480	1597	0.33776	48	0.26167	126	344.8	16	39.442	291	0.31706	181
19900	1.74077	1608	0.33824	48	0.26293	126	343.2	16	37.733	292	0.31887	182
20000	1.75685	1617	0.33872	48	0.26419	126	341.6	16	38.025	293	0.32069	181

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TABLE II. $V=900$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*w*	Δ	*T'*	Δ	*log Q*	Δ
0	0.00000	398	0.25000	42	0.00000	156	900.0	4.8	0.000	111	0.00000	154
100	0.00398	402	0.25042	42	0.00156	154	895.2	4.7	0.111	112	0.00154	153
200	0.00800	404	0.25084	42	0.00310	154	890.5	4.7	0.223	113	0.00307	153
300	0.01204	407	0.25126	42	0.00464	152	885.8	4.6	0.336	113	0.00460	154
400	0.01611	409	0.25168	42	0.00616	152	881.2	4.6	0.449	114	0.00614	153
500	0.02020	413	0.25200	42	0.00768	150	876.6	4.5	0.563	114	0.00767	153
600	0.02433	416	0.25242	42	0.00918	150	872.1	4.5	0.677	115	0.00920	153
700	0.02849	418	0.25284	42	0.01068	148	867.6	4.4	0.792	116	0.01073	154
800	0.03267	421	0.25326	42	0.01216	148	863.2	4.4	0.908	116	0.01227	153
900	0.03688	425	0.25378	42	0.01364	147	858.8	4.4	1.024	117	0.01380	153
1000	0.04113	428	0.25420	42	0.01511	146	854.4	4.3	1.141	117	0.01533	154
1100	0.04941	430	0.25462	42	0.01657	145	850.1	4.3	1.258	118	0.01687	153
1200	0.04971	433	0.25504	42	0.01802	144	845.8	4.3	1.376	119	0.01840	154
1300	0.05404	437	0.25546	42	0.01946	144	841.5	4.2	1.495	119	0.01994	153
1400	0.05841	439	0.25588	42	0.02090	143	837.3	4.1	1.614	120	0.02147	153
1500	0.06280	442	0.25630	42	0.02233	142	833.2	4.1	1.734	120	0.02300	153
1600	0.06722	445	0.25672	42	0.02375	141	829.1	4.1	1.854	121	0.02453	153
1700	0.07167	448	0.25714	42	0.02516	140	825.0	4.0	1.975	121	0.02606	153
1800	0.07615	452	0.25756	42	0.02656	140	821.0	4.0	2.096	122	0.02759	152
1900	0.08067	454	0.25798	42	0.02796	139	817.0	3.9	2.218	123	0.02911	152
2000	0.08521	457	0.25840	42	0.02935	139	813.1	3.9	2.341	123	0.03063	152
2100	0.08978	461	0.25882	42	0.03074	138	809.2	3.9	2.464	124	0.03215	151
2200	0.09439	463	0.25924	42	0.03212	137	805.3	3.8	2.588	124	0.03366	152
2300	0.09902	467	0.25966	42	0.03349	137	801.5	3.8	2.712	125	0.03518	151
2400	0.10369	470	0.26008	42	0.03486	136	797.7	3.8	2.837	126	0.03669	151
2500	0.10839	473	0.26050	42	0.03622	135	793.9	3.7	2.963	126	0.03820	151
2600	0.11312	475	0.26092	42	0.03757	135	790.2	3.7	3.089	127	0.03971	151
2700	0.11787	479	0.26134	42	0.03892	135	786.5	3.7	3.216	127	0.04122	151
2800	0.12266	483	0.26176	43	0.04027	134	782.8	3.6	3.343	128	0.04273	150
2900	0.12749	485	0.26219	42	0.04161	133	779.2	3.6	3.471	129	0.04423	151
3000	0.13234	488	0.26261	42	0.04294	133	775.6	3.6	3.600	129	0.04574	150
3100	0.13722	492	0.26303	43	0.04426	132	772.0	3.6	3.729	130	0.04724	150
3200	0.14214	495	0.26346	42	0.04558	131	768.4	3.6	3.859	130	0.04874	150
3300	0.14709	499	0.26388	43	0.04689	132	764.8	3.5	3.989	131	0.05024	150
3400	0.15208	501	0.26431	42	0.04821	132	761.3	3.6	4.120	132	0.05174	151
3500	0.15709	505	0.26473	43	0.04953	132	757.7	3.5	4.252	132	0.05325	150
3600	0.16214	508	0.26516	42	0.05085	132	754.2	3.5	4.384	133	0.05475	150
3700	0.16722	511	0.26558	43	0.05217	131	750.7	3.5	4.517	134	0.05625	150
3800	0.17233	515	0.26601	42	0.05348	132	747.2	3.5	4.651	134	0.05775	150
3900	0.17748	518	0.26643	43	0.05480	132	743.7	3.5	4.785	135	0.05925	150
4000	0.18266	521	0.26686	42	0.05612	132	740.2	3.5	4.920	136	0.06075	150
4100	0.18787	525	0.26728	43	0.05744	132	736.7	3.4	5.056	136	0.06225	149
4200	0.19312	528	0.26771	42	0.05876	132	733.3	3.5	5.192	137	0.06374	150
4300	0.19840	532	0.26813	42	0.06008	132	729.8	3.4	5.329	137	0.06524	150
4400	0.20372	535	0.26855	42	0.06140	131	726.4	3.4	5.466	138	0.06674	150
4500	0.20907	539	0.26897	42	0.06271	132	723.0	3.4	5.604	139	0.06824	150
4600	0.21446	542	0.26939	42	0.06403	132	719.6	3.3	5.743	139	0.06974	150
4700	0.21988	545	0.26981	42	0.06535	132	716.3	3.4	5.882	140	0.07124	150
4800	0.22533	549	0.27023	42	0.06667	132	712.9	3.3	6.022	141	0.07274	151
4900	0.23082	553	0.27065	42	0.06799	132	709.6	3.3	6.163	141	0.07425	150
5000	0.23635	556	0.27107	41	0.06931	132	706.3	3.3	6.304	142	0.07575	150

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TABLE II. $V=900\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.23635	556	0.27107	41	0.06931	132	706.3	3.3	6.304	142	0.07575	150
5100	0.24191	560	0.27148	41	0.07063	132	703.0	3.3	6.446	142	0.07725	151
5200	0.24751	564	0.27189	41	0.07195	132	699.7	3.2	6.588	143	0.07876	150
5300	0.25315	567	0.27230	42	0.07327	132	696.5	3.2	6.731	144	0.08026	151
5400	0.25882	571	0.27272	41	0.07459	132	693.3	3.3	6.875	145	0.08177	151
5500	0.26453	575	0.27313	41	0.07591	132	690.0	3.2	7.020	145	0.08328	150
5600	0.27028	578	0.27354	42	0.07723	132	686.8	3.2	7.165	146	0.08478	151
5700	0.27606	582	0.27396	41	0.07855	132	683.6	3.2	7.311	147	0.08629	152
5800	0.28188	586	0.27437	41	0.07987	132	680.4	3.1	7.458	147	0.08781	151
5900	0.28774	590	0.27478	42	0.08119	132	677.3	3.2	7.605	148	0.08932	151
6000	0.29364	594	0.27520	42	0.08251	132	674.1	3.1	7.753	149	0.09083	151
6100	0.29958	598	0.27562	42	0.08383	132	671.0	3.2	7.902	149	0.09234	152
6200	0.30556	601	0.27604	41	0.08515	133	667.8	3.1	8.051	150	0.09386	152
6300	0.31157	606	0.27645	42	0.08648	132	664.7	3.1	8.201	151	0.09538	152
6400	0.31763	609	0.27687	42	0.08780	132	661.6	3.1	8.352	152	0.09690	152
6500	0.32372	614	0.27729	42	0.08912	132	658.5	3.0	8.504	152	0.09842	152
6600	0.32986	617	0.27771	42	0.09044	132	655.5	3.1	8.656	153	0.09994	153
6700	0.33603	622	0.27813	43	0.09176	133	652.4	3.1	8.809	154	0.10147	152
6800	0.34225	625	0.27856	42	0.09309	132	649.3	3.0	8.963	154	0.10299	153
6900	0.34850	630	0.27898	42	0.09441	132	646.3	3.0	9.117	155	0.10452	153
7000	0.35480	634	0.27940	42	0.09573	132	643.3	3.0	9.272	156	0.10605	153
7100	0.36114	638	0.27982	43	0.09705	133	640.3	3.0	9.428	156	0.10758	153
7200	0.36752	642	0.28025	43	0.09838	132	637.3	3.0	9.584	157	0.10911	154
7300	0.37394	647	0.28068	42	0.09970	133	634.3	2.9	9.741	158	0.11065	154
7400	0.38041	651	0.28110	43	0.10103	132	631.4	3.0	9.899	159	0.11219	153
7500	0.38692	655	0.28153	43	0.10235	132	628.4	2.9	10.058	160	0.11372	154
7600	0.39347	659	0.28196	42	0.10367	133	625.5	2.9	10.218	160	0.11526	155
7700	0.40006	664	0.28238	43	0.10500	132	622.6	2.9	10.378	161	0.11681	154
7800	0.40670	668	0.28281	43	0.10632	133	619.7	2.9	10.539	162	0.11835	154
7900	0.41338	673	0.28324	43	0.10765	132	616.8	2.9	10.701	162	0.11989	155
8000	0.42011	677	0.28367	43	0.10897	132	613.9	2.9	10.863	163	0.12144	155
8100	0.42688	682	0.28410	43	0.11029	132	611.0	2.8	11.026	164	0.12299	155
8200	0.43370	686	0.28453	43	0.11161	132	608.2	2.8	11.190	165	0.12454	156
8300	0.44056	691	0.28496	44	0.11293	132	605.4	2.9	11.355	166	0.12610	155
8400	0.44747	695	0.28540	43	0.11425	132	602.5	2.8	11.521	166	0.12765	156
8500	0.45442	700	0.28583	43	0.11557	133	599.7	2.8	11.687	167	0.12921	156
8600	0.46142	705	0.28626	44	0.11690	132	596.9	2.7	11.854	168	0.13077	157
8700	0.46847	709	0.28670	43	0.11822	132	594.2	2.8	12.022	169	0.13234	156
8800	0.47556	714	0.28713	43	0.11954	132	591.4	2.8	12.191	170	0.13390	157
8900	0.48270	719	0.28756	44	0.12086	132	588.6	2.7	12.361	170	0.13547	157
9000	0.48989	724	0.28800	44	0.12218	132	585.9	2.7	12.531	171	0.13704	157
9100	0.49713	728	0.28844	44	0.12350	132	583.2	2.8	12.702	172	0.13861	158
9200	0.50441	734	0.28888	43	0.12482	132	580.4	2.7	12.874	173	0.14019	158
9300	0.51175	738	0.28931	44	0.12614	132	577.7	2.7	13.047	173	0.14177	157
9400	0.51913	743	0.28975	44	0.12746	131	575.0	2.7	13.220	174	0.14334	159
9500	0.52656	748	0.29019	44	0.12877	132	572.3	2.6	13.394	175	0.14493	158
9600	0.53404	753	0.29063	44	0.13009	132	569.7	2.7	13.569	176	0.14651	158
9700	0.54157	758	0.29107	44	0.13141	132	567.0	2.7	13.745	177	0.14809	159
9800	0.54915	764	0.29151	44	0.13273	132	564.3	2.6	13.922	178	0.14968	159
9900	0.55679	768	0.29195	44	0.13405	132	561.7	2.6	14.100	178	0.15127	159
10000	0.56447	773	0.29239	44	0.13537	132	559.1	2.6	14.278	179	0.15286	159

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TABLE II. *V=900 f. s.*—Continued.

$Z=\frac{X}{D}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*v*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.56447	773	0.29239	44	0.13537	132	559.1	2.6	14.278	179	0.15286	159
10100	0.57220	778	0.29283	44	0.13669	132	556.5	2.6	14.457	181	0.15445	160
10200	0.57998	784	0.29327	45	0.13801	131	553.9	2.6	14.638	181	0.15605	160
10300	0.58782	789	0.29372	44	0.13932	132	551.3	2.6	14.819	182	0.15765	160
10400	0.59571	795	0.29416	44	0.14064	132	548.7	2.5	15.001	183	0.15925	160
10500	0.60366	800	0.29460	45	0.14196	131	546.2	2.6	15.184	184	0.16085	160
10600	0.61166	805	0.29505	44	0.14327	132	543.6	2.5	15.368	185	0.16245	161
10700	0.61971	811	0.29549	45	0.14459	131	541.1	2.6	15.553	186	0.16406	161
10800	0.62782	817	0.29594	44	0.14590	132	538.5	2.5	15.739	187	0.16567	161
10900	0.63599	822	0.29638	45	0.14722	131	536.0	2.5	15.926	187	0.16728	161
11000	0.64421	826	0.29683	45	0.14853	131	533.5	2.5	16.113	188	0.16889	161
11100	0.65247	832	0.29728	44	0.14984	132	531.0	2.5	16.301	189	0.17050	162
11200	0.66079	838	0.29772	45	0.15116	131	528.5	2.4	16.490	190	0.17212	162
11300	0.66917	844	0.29817	45	0.15247	131	526.1	2.5	16.680	191	0.17374	162
11400	0.67761	851	0.29862	44	0.15378	131	523.6	2.4	16.871	192	0.17536	162
11500	0.68612	856	0.29906	45	0.15509	131	521.2	2.5	17.063	193	0.17698	163
11600	0.69468	862	0.29951	45	0.15640	131	518.7	2.4	17.256	193	0.17861	163
11700	0.70330	868	0.29996	45	0.15771	131	516.3	2.4	17.449	194	0.18024	163
11800	0.71198	874	0.30041	45	0.15902	131	513.9	2.4	17.643	195	0.18187	163
11900	0.72072	880	0.30086	45	0.16033	131	511.5	2.4	17.838	196	0.18350	163
12000	0.72952	885	0.30131	45	0.16164	131	509.1	2.4	18.034	196	0.18513	163
12100	0.73837	891	0.30176	45	0.16295	130	506.7	2.3	18.230	197	0.18676	164
12200	0.74728	898	0.30221	45	0.16425	131	504.4	2.4	18.427	197	0.18840	164
12300	0.75626	904	0.30266	46	0.16556	131	502.0	2.3	18.624	199	0.19004	164
12400	0.76530	910	0.30312	45	0.16687	130	499.7	2.3	18.823	200	0.19168	164
12500	0.77440	916	0.30357	45	0.16817	131	497.4	2.4	19.023	201	0.19332	164
12600	0.78356	922	0.30402	46	0.16948	130	495.0	2.3	19.224	202	0.19496	165
12700	0.79278	929	0.30448	45	0.17078	130	492.7	2.2	19.426	204	0.19661	165
12800	0.80207	935	0.30493	46	0.17208	131	490.5	2.3	19.630	204	0.19826	165
12900	0.81142	941	0.30539	45	0.17339	130	488.2	2.3	19.834	205	0.19991	166
13000	0.82083	946	0.30584	46	0.17469	130	485.9	2.3	20.039	206	0.20157	166
13100	0.83029	953	0.30630	45	0.17599	131	483.6	2.2	20.245	207	0.20323	166
13200	0.83982	960	0.30675	46	0.17730	130	481.4	2.3	20.452	209	0.20489	166
13300	0.84942	967	0.30721	45	0.17860	130	479.1	2.2	20.661	209	0.20655	166
13400	0.85909	974	0.30766	46	0.17990	130	476.9	2.2	20.870	210	0.20821	166
13500	0.86883	981	0.30812	46	0.18120	130	474.7	2.2	21.080	211	0.20987	167
13600	0.87864	988	0.30858	45	0.18250	130	472.5	2.2	21.291	212	0.21154	167
13700	0.88852	995	0.30903	46	0.18380	130	470.3	2.2	21.503	214	0.21321	167
13800	0.89847	1001	0.30949	46	0.18510	129	468.1	2.2	21.717	215	0.21488	167
13900	0.90848	1009	0.30995	46	0.18639	130	465.9	2.2	21.932	215	0.21655	168
14000	0.91857	1015	0.31041	46	0.18769	130	463.7	2.2	22.147	216	0.21823	168
14100	0.92872	1022	0.31087	45	0.18899	129	461.5	2.1	22.363	217	0.21991	168
14200	0.93894	1029	0.31132	46	0.19028	130	459.4	2.2	22.580	219	0.22159	168
14300	0.94923	1037	0.31178	46	0.19158	129	457.2	2.1	22.799	220	0.22327	168
14400	0.95960	1044	0.31224	46	0.19287	130	455.1	2.1	23.019	221	0.22495	169
14500	0.97004	1052	0.31270	46	0.19417	129	453.0	2.2	23.240	222	0.22664	169
14600	0.98056	1059	0.31316	47	0.19546	129	450.8	2.1	23.462	223	0.22833	169
14700	0.99115	1066	0.31363	46	0.19675	130	448.7	2.0	23.685	223	0.23002	169
14800	1.00181	1073	0.31409	46	0.19805	129	446.7	2.1	23.908	224	0.23171	170
14900	1.01254	1079	0.31455	47	0.19934	129	444.6	2.1	24.132	225	0.23341	170
15000	1.02333	1085	0.31502	47	0.20063	129	442.5	2.1	24.357	226	0.23511	170

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TABLE II. $V=900$ f. s.—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	log B'	Δ	v	Δ	T'	Δ	log Q	Δ
15000	1.02333	1085	0.31502	47	0.20093	129	442.5	2.1	24.357	226	0.23511	170
15100	1.03418	1092	0.31549	47	0.20192	129	440.4	2.0	24.583	227	0.23681	171
15200	1.04510	1100	0.31596	47	0.20321	129	438.4	2.0	24.810	228	0.23852	170
15300	1.05610	1108	0.31643	47	0.20450	129	436.4	2.1	25.038	229	0.24022	171
15400	1.06718	1116	0.31690	47	0.20579	129	434.3	2.0	25.267	231	0.24193	171
15500	1.07834	1124	0.31737	47	0.20708	128	432.3	2.0	25.498	232	0.24364	171
15600	1.08958	1133	0.31784	47	0.20836	129	430.3	2.0	25.730	233	0.24535	172
15700	1.10091	1141	0.31831	47	0.20965	129	428.3	2.0	25.963	234	0.24707	171
15800	1.11232	1148	0.31878	47	0.21094	128	426.3	2.0	26.197	235	0.24878	172
15900	1.12380	1156	0.31925	48	0.21222	129	424.3	2.0	26.432	236	0.25050	172
16000	1.13536	1164	0.31973	47	0.21351	129	422.3	2.0	26.668	237	0.25222	172
16100	1.14700	1171	0.32020	47	0.21480	128	420.3	1.9	26.905	239	0.25394	173
16200	1.15871	1180	0.32067	47	0.21608	129	418.4	2.0	27.144	240	0.25567	172
16300	1.17051	1189	0.32114	47	0.21737	128	416.4	1.9	27.384	241	0.25739	173
16400	1.18240	1197	0.32161	48	0.21865	129	414.5	1.9	27.625	242	0.25912	173
16500	1.19437	1205	0.32209	47	0.21994	128	412.6	2.0	27.867	243	0.26085	173
16600	1.20642	1214	0.32256	47	0.22122	128	410.6	1.9	28.110	244	0.26258	174
16700	1.21856	1223	0.32303	47	0.22250	129	408.7	1.9	28.354	245	0.26432	174
16800	1.23079	1231	0.32350	47	0.22379	128	406.8	1.9	28.599	246	0.26606	174
16900	1.24310	1239	0.32397	47	0.22507	128	404.9	1.9	28.845	248	0.26780	174
17000	1.25549	1246	0.32444	47	0.22635	128	403.0	1.9	29.093	248	0.26954	174
17100	1.26795	1255	0.32491	47	0.22763	129	401.1	1.8	29.341	250	0.27128	175
17200	1.28050	1263	0.32538	47	0.22892	128	399.3	1.9	29.591	251	0.27303	175
17300	1.29313	1273	0.32585	47	0.23020	128	397.4	1.9	29.842	252	0.27478	175
17400	1.30586	1283	0.32632	47	0.23148	128	395.5	1.8	30.094	253	0.27653	175
17500	1.31869	1291	0.32679	47	0.23276	127	393.7	1.8	30.347	254	0.27828	175
17600	1.33160	1300	0.32726	47	0.23403	128	391.9	1.9	30.601	256	0.28003	176
17700	1.34460	1310	0.32773	47	0.23531	128	390.0	1.8	30.857	257	0.28179	176
17800	1.35770	1319	0.32820	48	0.23659	128	388.2	1.8	31.114	258	0.28355	176
17900	1.37089	1328	0.32868	47	0.23787	127	386.4	1.8	31.372	260	0.28531	176
18000	1.38417	1338	0.32915	47	0.23914	128	384.6	1.8	31.632	261	0.28707	176
18100	1.39753	1345	0.32962	48	0.24042	127	382.8	1.8	31.893	263	0.28883	177
18200	1.41098	1355	0.53010	47	0.24169	127	381.0	1.8	32.156	264	0.29060	177
18300	1.42453	1365	0.33057	48	0.24296	127	379.2	1.7	32.420	265	0.29237	177
18400	1.43818	1375	0.33104	48	0.24423	127	377.5	1.8	32.685	266	0.29414	177
18500	1.45193	1384	0.33152	47	0.24550	127	375.7	1.8	32.951	267	0.29591	177
18600	1.46577	1394	0.33199	48	0.24677	127	373.9	1.7	33.218	269	0.29768	178
18700	1.47971	1403	0.33247	48	0.24804	127	372.2	1.7	33.487	269	0.29946	178
18800	1.49374	1413	0.33295	47	0.24931	127	370.5	1.8	33.756	270	0.30124	178
18900	1.50787	1422	0.33342	48	0.25058	126	368.7	1.7	34.026	271	0.30302	178
19000	1.52209	1431	0.33390	48	0.25184	126	367.0	1.7	34.297	272	0.30480	178
19100	1.53640	1440	0.33438	48	0.25310	127	365.3	1.7	34.569	273	0.30658	178
19200	1.55080	1450	0.33486	48	0.25437	126	363.6	1.7	34.842	274	0.30836	179
19300	1.56530	1461	0.33534	48	0.25563	126	361.9	1.6	35.116	276	0.31015	179
19400	1.57991	1473	0.33582	48	0.25689	126	360.3	1.7	35.392	277	0.31194	179
19500	1.59464	1483	0.33630	48	0.25815	126	358.6	1.7	35.669	278	0.31373	179
19600	1.60947	1495	0.33678	48	0.25941	126	356.9	1.6	35.947	280	0.31552	180
19700	1.62442	1506	0.33726	48	0.26067	125	355.3	1.7	36.227	282	0.31732	180
19800	1.63948	1518	0.33774	49	0.26192	126	353.6	1.7	36.509	283	0.31912	180
19900	1.65466	1528	0.33823	48	0.26318	125	351.9	1.6	36.792	284	0.32092	181
20000	1.66994	1539	0.33871	49	0.26443	126	350.3	1.7	37.076	285	0.32273	181

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TABLE II. $V=925$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	377	0.25000	43	0.00000	158	925.0	5.0	0.000	108	0.00000	159
100	0.00377	380	0.25043	43	0.00158	158	920.0	5.0	0.108	109	0.00159	159
200	0.00757	383	0.25086	43	0.00316	157	915.0	4.9	0.217	110	0.00318	159
300	0.01140	386	0.25129	43	0.00473	156	910.1	4.9	0.327	110	0.00477	159
400	0.01526	388	0.25172	43	0.00629	155	905.2	4.8	0.437	111	0.00636	159
500	0.01914	391	0.25215	43	0.00784	154	900.4	4.8	0.548	111	0.00795	159
600	0.02305	394	0.25258	43	0.00938	154	895.6	4.8	0.659	112	0.00954	158
700	0.02699	397	0.25301	43	0.01092	152	890.8	4.7	0.771	113	0.01112	158
800	0.03096	399	0.25344	43	0.01244	152	886.1	4.6	0.884	113	0.01270	157
900	0.03495	403	0.25387	43	0.01396	151	881.5	4.6	0.997	114	0.01427	158
1000	0.03898	406	0.25430	43	0.01547	150	876.9	4.5	1.111	114	0.01585	157
1100	0.04304	408	0.25473	43	0.01697	149	872.4	4.5	1.225	115	0.01742	157
1200	0.04712	411	0.25516	43	0.01846	149	867.9	4.5	1.340	116	0.01899	157
1300	0.05123	414	0.25559	43	0.01995	147	863.4	4.4	1.456	116	0.02056	157
1400	0.05537	417	0.25602	43	0.02142	147	859.0	4.4	1.572	117	0.02213	157
1500	0.05954	420	0.25645	43	0.02289	146	854.6	4.3	1.689	117	0.02370	156
1600	0.06374	423	0.25688	43	0.02435	146	850.3	4.3	1.806	118	0.02526	156
1700	0.06797	426	0.25731	43	0.02581	144	846.0	4.2	1.924	118	0.02682	156
1800	0.07223	429	0.25774	43	0.02725	144	841.8	4.2	2.042	119	0.02838	156
1900	0.07652	431	0.25717	43	0.02869	143	837.6	4.1	2.161	120	0.02994	156
2000	0.08083	434	0.25860	43	0.03012	142	833.5	4.1	2.281	120	0.03150	156
2100	0.08517	438	0.25903	43	0.03154	142	829.4	4.1	2.401	121	0.03306	155
2200	0.08955	441	0.25946	43	0.03296	140	825.3	4.0	2.522	121	0.03461	155
2300	0.09396	444	0.25989	43	0.03436	140	821.3	4.0	2.643	122	0.03616	155
2400	0.09840	446	0.26032	43	0.03576	140	817.3	3.9	2.765	123	0.03771	155
2500	0.10286	450	0.26075	43	0.03716	138	813.4	3.9	2.888	123	0.03926	155
2600	0.10736	453	0.26118	43	0.03854	138	809.5	3.9	3.011	124	0.04081	155
2700	0.11189	455	0.26161	43	0.03992	137	805.6	3.8	3.135	124	0.04236	155
2800	0.11644	459	0.26204	43	0.04129	136	801.8	3.8	3.259	125	0.04391	154
2900	0.12103	462	0.26247	43	0.04265	136	798.0	3.8	3.384	126	0.04545	154
3000	0.12565	465	0.26290	44	0.04401	134	794.2	3.7	3.510	126	0.04699	154
3100	0.13030	468	0.26334	44	0.04535	133	790.5	3.7	3.636	127	0.04853	154
3200	0.13498	472	0.26378	44	0.04668	132	786.8	3.7	3.763	127	0.05007	154
3300	0.13970	474	0.26422	44	0.04800	133	783.1	3.6	3.890	128	0.05161	154
3400	0.14444	478	0.26466	44	0.04933	133	779.5	3.7	4.018	129	0.05315	154
3500	0.14922	481	0.26510	44	0.05066	132	775.8	3.6	4.147	129	0.05469	154
3600	0.15403	484	0.26554	44	0.05198	132	772.2	3.6	4.276	130	0.05623	154
3700	0.15887	487	0.26698	44	0.05330	132	768.6	3.6	4.406	130	0.05777	153
3800	0.16374	490	0.26642	44	0.05462	132	765.0	3.6	4.536	131	0.05930	153
3900	0.16864	493	0.26686	44	0.05594	132	761.4	3.5	4.667	132	0.06083	153
4000	0.17357	496	0.26730	44	0.05726	131	757.9	3.5	4.799	132	0.06236	153
4100	0.17853	500	0.26774	44	0.05857	131	754.4	3.5	4.931	133	0.06389	153
4200	0.18353	504	0.26818	44	0.05988	131	750.9	3.5	5.064	134	0.06542	153
4300	0.18857	506	0.26862	43	0.06119	131	747.4	3.5	5.198	134	0.06695	153
4400	0.19363	510	0.26905	43	0.06250	130	743.9	3.5	5.332	135	0.06848	153
4500	0.19873	513	0.26948	42	0.06380	131	740.4	3.4	5.467	135	0.07001	153
4600	0.20386	517	0.26990	42	0.06511	131	737.0	3.5	5.602	136	0.07154	153
4700	0.20903	520	0.27032	42	0.06642	131	733.5	3.4	5.738	137	0.07307	152
4800	0.21423	523	0.27074	42	0.06773	131	730.1	3.4	5.875	137	0.07459	153
4900	0.21946	527	0.27116	42	0.06904	131	726.7	3.4	6.012	138	0.07612	153
5000	0.22473	530	0.27158	42	0.07035	131	723.3	3.4	6.150	138	0.07765	153

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TABLE II. $V=925$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.22473	530	0.27158	42	0.07035	131	723.3	3.4	6.150	138	0.07765	153
5100	0.23003	534	0.27200	42	0.07166	131	719.9	3.4	6.288	139	0.07918	153
5200	0.23537	537	0.27242	41	0.07297	131	716.5	3.3	6.427	140	0.08071	153
5300	0.24074	541	0.27283	42	0.07428	131	713.2	3.3	6.567	141	0.08224	153
5400	0.24615	545	0.27325	42	0.07559	131	709.9	3.3	6.708	141	0.08377	153
5500	0.25160	548	0.27367	42	0.07690	131	706.6	3.3	6.849	142	0.08530	153
5600	0.25708	551	0.27409	42	0.07821	131	703.3	3.3	6.991	142	0.08683	153
5700	0.26259	555	0.27451	41	0.07952	131	700.0	3.3	7.133	143	0.08836	153
5800	0.26814	559	0.27492	42	0.08083	131	696.7	3.3	7.276	144	0.08989	153
5900	0.27373	562	0.27534	42	0.08214	131	693.4	3.2	7.420	145	0.09142	154
6000	0.27935	566	0.27576	42	0.08345	131	690.2	3.2	7.565	145	0.09296	153
6100	0.28501	570	0.27618	42	0.08476	131	687.0	3.2	7.710	146	0.09449	153
6200	0.29071	573	0.27660	42	0.08607	131	683.8	3.2	7.856	146	0.09602	154
6300	0.29644	577	0.27702	41	0.08738	131	680.6	3.2	8.002	148	0.09756	154
6400	0.30221	582	0.27743	42	0.08869	132	677.4	3.1	8.150	148	0.09910	154
6500	0.30803	585	0.27785	42	0.09001	131	674.3	3.2	8.298	148	0.10064	153
6600	0.31388	588	0.27827	42	0.09132	131	671.1	3.1	8.446	150	0.10217	154
6700	0.31976	593	0.27869	42	0.09263	131	668.0	3.1	8.596	150	0.10371	154
6800	0.32569	597	0.27911	42	0.09394	131	664.9	3.1	8.746	150	0.10525	154
6900	0.33166	600	0.27953	42	0.09525	131	661.8	3.1	8.896	152	0.10679	155
7000	0.33766	604	0.27995	42	0.09656	131	658.7	3.1	9.048	152	0.10834	155
7100	0.34370	609	0.28037	42	0.09787	131	655.6	3.0	9.200	153	0.10989	154
7200	0.34979	612	0.28079	42	0.09918	132	652.6	3.1	9.353	154	0.11143	155
7300	0.35591	617	0.28121	42	0.10050	131	649.5	3.0	9.507	154	0.11298	155
7400	0.36208	621	0.28163	42	0.10181	131	646.5	3.0	9.661	155	0.11453	155
7500	0.36829	625	0.28205	42	0.10312	131	643.5	3.0	9.816	156	0.11608	155
7600	0.37454	629	0.28247	42	0.10443	131	640.5	3.0	9.972	157	0.11763	155
7700	0.38083	633	0.28289	42	0.10574	132	637.5	3.0	10.129	157	0.11918	156
7800	0.38716	637	0.28331	42	0.10706	131	634.5	3.0	10.286	158	0.12074	156
7900	0.39353	641	0.28373	43	0.10837	131	631.5	2.9	10.444	159	0.12230	156
8000	0.39994	645	0.28416	42	0.10968	131	628.6	2.9	10.603	159	0.12386	156
8100	0.40639	650	0.28458	42	0.11099	132	625.7	2.9	10.762	161	0.12542	156
8200	0.41289	654	0.28500	42	0.11231	131	622.8	2.9	10.923	161	0.12698	156
8300	0.41943	659	0.28542	43	0.11362	132	619.9	2.9	11.084	161	0.12854	157
8400	0.42602	663	0.28585	43	0.11494	131	617.0	2.9	11.245	163	0.13011	157
8500	0.43265	668	0.28628	43	0.11625	131	614.1	2.9	11.408	163	0.13168	157
8600	0.43933	672	0.28671	43	0.11756	132	611.2	2.8	11.571	164	0.13325	157
8700	0.44605	676	0.28714	42	0.11888	131	608.4	2.9	11.735	165	0.13482	157
8800	0.45281	681	0.28756	43	0.12019	132	605.5	2.8	11.900	166	0.13639	157
8900	0.45962	685	0.28799	43	0.12151	131	602.7	2.8	12.066	166	0.13796	158
9000	0.46647	690	0.28842	43	0.12282	131	599.9	2.8	12.232	167	0.13954	158
9100	0.47337	694	0.28885	43	0.12413	132	597.1	2.8	12.399	168	0.14112	158
9200	0.48031	699	0.28928	43	0.12545	131	594.3	2.8	12.567	168	0.14270	158
9300	0.48730	705	0.28971	43	0.12676	132	591.5	2.7	12.735	170	0.14428	158
9400	0.49435	708	0.29014	43	0.12808	131	588.8	2.8	12.905	170	0.14586	159
9500	0.50143	714	0.29057	44	0.12939	131	586.0	2.7	13.075	171	0.14745	159
9600	0.50857	718	0.29101	44	0.13070	132	583.3	2.7	13.246	172	0.14904	159
9700	0.51575	723	0.29145	43	0.13202	131	580.6	2.7	13.418	172	0.15063	159
9800	0.52298	728	0.29188	44	0.13333	132	577.9	2.7	13.590	174	0.15222	159
9900	0.53026	733	0.29232	43	0.13465	131	575.2	2.7	13.764	174	0.15381	160
10000	0.53759	738	0.29275	43	0.13596	131	572.5	2.6	13.938	175	0.15541	160

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TABLE II. $V=925$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	v	Δ	T'	Δ	$\log Q$	Δ
10000	0.53759	738	0.29275	43	0.13596	131	572.5	26	13.938	175	0.15541	160
10100	0.54497	742	0.29318	44	0.13727	131	569.9	27	14.113	176	0.15701	160
10200	0.55239	748	0.29362	44	0.13858	131	567.2	27	14.289	177	0.15861	160
10300	0.55987	753	0.29406	44	0.13989	131	564.5	26	14.466	177	0.16021	160
10400	0.56740	758	0.29450	44	0.14120	131	561.9	26	14.643	178	0.16181	160
10500	0.57498	763	0.29494	44	0.14251	131	559.3	27	14.821	179	0.16341	161
10600	0.58261	768	0.29538	44	0.14382	130	556.6	26	15.000	180	0.16502	161
10700	0.59029	773	0.29582	44	0.14512	131	554.0	26	15.180	181	0.16663	161
10800	0.59802	779	0.29626	44	0.14643	131	551.4	25	15.361	182	0.16824	162
10900	0.60581	784	0.29670	45	0.14774	131	548.9	26	15.543	183	0.16986	162
11000	0.61365	789	0.29715	44	0.14905	131	546.3	26	15.726	184	0.17148	162
11100	0.62154	794	0.29759	44	0.15036	131	543.7	25	15.910	184	0.17310	162
11200	0.62948	800	0.29803	45	0.15167	130	541.2	25	16.094	185	0.17472	162
11300	0.63748	805	0.29848	45	0.15297	131	538.7	25	16.279	186	0.17634	162
11400	0.64553	810	0.29893	45	0.15428	131	536.2	25	16.465	187	0.17796	162
11500	0.65363	816	0.29938	44	0.15559	130	533.7	25	16.652	188	0.17959	163
11600	0.66179	822	0.29982	45	0.15689	131	531.2	25	16.840	189	0.18122	163
11700	0.67001	828	0.30027	45	0.15820	131	528.7	25	17.029	190	0.18285	163
11800	0.67829	833	0.30072	45	0.15951	130	526.2	24	17.219	190	0.18448	164
11900	0.68662	838	0.30117	45	0.16081	130	523.8	24	17.409	191	0.18612	164
12000	0.69500	844	0.30162	45	0.16211	130	521.4	24	17.600	192	0.18776	164
12100	0.70344	850	0.30207	45	0.16341	131	519.0	24	17.792	193	0.18940	164
12200	0.71194	855	0.30252	45	0.16472	130	516.6	25	17.985	195	0.19104	164
12300	0.72049	861	0.30297	45	0.16602	130	514.1	24	18.180	195	0.19268	165
12400	0.72910	867	0.30342	45	0.16732	131	511.7	24	18.375	196	0.19433	165
12500	0.73777	873	0.30387	45	0.16863	130	509.3	24	18.571	196	0.19598	165
12600	0.74650	880	0.30432	45	0.16993	130	506.9	24	18.767	198	0.19763	165
12700	0.75530	886	0.30477	46	0.17123	130	504.5	23	18.965	199	0.19928	165
12800	0.76416	891	0.30523	45	0.17253	130	502.2	23	19.164	200	0.20093	166
12900	0.77307	897	0.30568	46	0.17383	130	499.9	23	19.364	200	0.20259	166
13000	0.78204	903	0.30614	46	0.17513	130	497.6	23	19.564	201	0.20425	166
13100	0.79107	910	0.30660	45	0.17643	130	495.3	23	19.765	203	0.20591	166
13200	0.80017	916	0.30705	46	0.17773	130	493.0	23	19.968	203	0.20757	166
13300	0.80933	922	0.30751	45	0.17903	130	490.7	23	20.171	204	0.20923	167
13400	0.81855	928	0.30796	46	0.18033	130	488.4	23	20.375	206	0.21090	167
13500	0.82783	935	0.30842	46	0.18163	130	486.1	23	20.581	206	0.21257	167
13600	0.83718	942	0.30888	46	0.18293	130	483.8	23	20.787	207	0.21424	167
13700	0.84660	947	0.30934	45	0.18423	129	481.5	23	20.994	208	0.21591	168
13800	0.85607	954	0.30979	46	0.18552	129	479.2	22	21.202	209	0.21759	168
13900	0.86561	961	0.31025	46	0.18681	130	477.0	22	21.411	210	0.21927	168
14000	0.87522	967	0.31071	46	0.18811	130	474.8	22	21.621	211	0.22095	168
14100	0.88489	974	0.31117	46	0.18941	129	472.6	22	21.832	212	0.22263	169
14200	0.89463	980	0.31163	46	0.19070	129	470.4	22	22.044	213	0.22432	169
14300	0.90443	988	0.31209	46	0.19199	130	468.2	22	22.257	214	0.22601	169
14400	0.91431	995	0.31255	46	0.19329	129	466.0	22	22.471	216	0.22770	169
14500	0.92426	1001	0.31301	46	0.19458	129	463.8	22	22.687	216	0.22939	169
14600	0.93427	1008	0.31347	46	0.19587	129	461.6	21	22.903	217	0.23108	170
14700	0.94435	1015	0.31393	46	0.19716	129	459.5	21	23.120	218	0.23278	170
14800	0.95450	1022	0.31439	47	0.19845	129	457.4	22	23.338	220	0.23448	170
14900	0.96472	1029	0.31486	46	0.19974	129	455.2	21	23.558	220	0.23618	170
15000	0.97501	1036	0.31532	46	0.20103	129	453.1	21	23.778	221	0.23788	170

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TABLE II. $V=925\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.97501	1036	0.31532	46	0.20103	129	453.1	21	23.778	221	0.23788	170
15100	0.98537	1043	0.31578	46	0.20232	129	451.0	21	23.999	222	0.23958	171
15200	0.99580	1051	0.31624	47	0.20361	128	448.9	21	24.221	223	0.24129	171
15300	1.00631	1058	0.31671	47	0.20489	128	446.8	21	24.444	225	0.24300	171
15400	1.01689	1065	0.31718	47	0.20617	129	444.7	21	24.669	226	0.24471	172
15500	1.02754	1073	0.31765	46	0.20746	129	442.6	21	24.895	226	0.24643	172
15600	1.03827	1080	0.31811	47	0.20875	129	440.5	20	25.121	227	0.24815	172
15700	1.04907	1088	0.31858	47	0.21004	128	438.5	21	25.348	229	0.24987	172
15800	1.05995	1095	0.31905	46	0.21132	128	436.4	20	25.577	229	0.25159	172
15900	1.07090	1102	0.31951	47	0.21260	128	434.4	20	25.806	231	0.25331	173
16000	1.08192	1110	0.31998	47	0.21388	128	432.4	20	26.037	232	0.25504	173
16100	1.09302	1118	0.32045	47	0.21516	128	430.4	20	26.269	233	0.25677	173
16200	1.10420	1126	0.32092	47	0.21644	128	428.4	20	26.502	234	0.25850	173
16300	1.11546	1133	0.32139	47	0.21772	128	426.4	20	26.736	235	0.26023	174
16400	1.12679	1142	0.32186	47	0.21900	128	424.4	20	26.971	236	0.26197	174
16500	1.13821	1150	0.32233	47	0.22028	128	422.4	20	27.207	237	0.26371	174
16600	1.14971	1158	0.32280	47	0.22156	127	420.4	19	27.444	239	0.26545	174
16700	1.16129	1166	0.32327	47	0.22283	128	418.5	19	27.683	240	0.26719	174
16800	1.17295	1173	0.32374	47	0.22411	128	416.6	20	27.923	240	0.26893	175
16900	1.18468	1182	0.32421	47	0.22539	127	414.6	19	28.163	242	0.27068	175
17000	1.19650	1190	0.32468	47	0.22666	127	412.7	19	28.405	243	0.27243	175
17100	1.20840	1199	0.32515	48	0.22793	128	410.8	19	28.648	244	0.27418	175
17200	1.22039	1207	0.32563	47	0.22921	127	408.9	19	28.892	245	0.27593	176
17300	1.23246	1216	0.32610	47	0.23048	127	407.0	19	29.137	247	0.27769	176
17400	1.24462	1224	0.32657	48	0.23175	127	405.1	19	29.384	248	0.27945	176
17500	1.25686	1233	0.32705	47	0.23302	127	403.2	19	29.632	248	0.28121	177
17600	1.26919	1242	0.32752	47	0.23429	127	401.3	18	29.880	250	0.28298	177
17700	1.28161	1250	0.32799	48	0.23556	127	399.5	19	30.130	251	0.28475	177
17800	1.29411	1259	0.32547	47	0.23683	127	397.6	19	30.381	252	0.28652	177
17900	1.30670	1267	0.32894	48	0.23810	127	395.7	18	30.633	253	0.28829	177
18000	1.31937	1276	0.32942	48	0.23937	127	393.9	18	30.886	254	0.29006	177
18100	1.33213	1285	0.32990	47	0.24064	127	392.1	19	31.140	256	0.29183	178
18200	1.34498	1294	0.33037	48	0.24191	127	390.2	18	31.396	257	0.29361	178
18300	1.35792	1304	0.33085	48	0.24318	126	388.4	18	31.653	258	0.29539	178
18400	1.37096	1313	0.33133	48	0.24444	126	386.6	18	31.911	259	0.29717	179
18500	1.38409	1322	0.33181	48	0.24570	126	384.8	18	32.170	261	0.29896	179
18600	1.39731	1331	0.33229	47	0.24696	127	383.0	18	32.431	262	0.30075	179
18700	1.41062	1341	0.33276	48	0.24823	126	381.2	18	32.693	263	0.30254	179
18800	1.42403	1350	0.33324	48	0.24949	126	379.4	18	32.956	265	0.30433	179
18900	1.43753	1359	0.33372	48	0.25075	126	377.6	17	33.221	265	0.30612	180
19000	1.45112	1369	0.33420	48	0.25201	126	375.9	18	33.486	266	0.30792	180
19100	1.46481	1379	0.33468	48	0.25327	126	374.1	17	33.752	268	0.30972	180
19200	1.47860	1388	0.33516	48	0.25453	126	372.4	17	34.020	269	0.31152	180
19300	1.49248	1399	0.33564	48	0.25579	125	370.7	18	34.289	271	0.31332	181
19400	1.50647	1409	0.33612	48	0.25704	126	368.9	17	34.560	272	0.31513	181
19500	1.52056	1419	0.33660	48	0.25830	126	367.2	17	34.832	272	0.31694	181
19600	1.53475	1429	0.33708	48	0.25956	126	365.5	17	35.104	274	0.31875	181
19700	1.54904	1438	0.33756	48	0.26082	125	363.8	17	35.378	276	0.32056	181
19800	1.56342	1449	0.33804	48	0.26207	125	362.1	17	35.654	277	0.32237	182
19900	1.57791	1459	0.33852	49	0.26332	126	360.4	17	35.931	278	0.32419	182
20000	1.59250	1469	0.33901	48	0.26457	125	358.7	17	36.209	279	0.32601	182

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TABLE II. $V=950$ *f. s.*—Continued.

$z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	v	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	357	0.25000	45	0.00000	163	950.0	5.3	0.000	106	0.00000	163
100	0.00357	361	0.25045	44	0.00163	162	944.7	5.3	0.106	106	0.00163	162
200	0.00718	363	0.25089	45	0.00325	161	939.4	5.2	0.212	106	0.00325	162
300	0.01081	366	0.25134	44	0.00486	160	934.2	5.1	0.318	108	0.00487	162
400	0.01447	368	0.25178	45	0.00646	159	929.1	5.1	0.426	108	0.00649	163
500	0.01815	371	0.25223	44	0.00805	158	924.0	5.0	0.534	108	0.00812	162
600	0.02186	374	0.25267	45	0.00963	158	919.0	5.0	0.642	109	0.00974	162
700	0.02560	377	0.25312	44	0.01121	157	914.0	5.0	0.751	110	0.01136	162
800	0.02937	380	0.25356	45	0.01278	155	909.0	4.9	0.861	110	0.01298	161
900	0.03317	382	0.25401	44	0.01433	155	904.1	4.8	0.971	111	0.01459	162
1000	0.03699	385	0.25445	43	0.01588	154	899.3	4.8	1.082	112	0.01621	162
1100	0.04084	388	0.25488	43	0.01742	153	894.5	4.7	1.194	112	0.01783	162
1200	0.04472	391	0.25531	43	0.01895	152	889.8	4.7	1.306	112	0.01945	162
1300	0.04863	394	0.25574	43	0.02047	151	885.1	4.6	1.418	114	0.02107	162
1400	0.05257	396	0.25617	43	0.02198	151	880.5	4.6	1.532	114	0.02269	161
1500	0.05653	399	0.25660	43	0.02349	149	875.9	4.5	1.646	114	0.02430	161
1600	0.06052	402	0.25703	43	0.02498	149	871.4	4.5	1.760	115	0.02591	161
1700	0.06454	405	0.25746	43	0.02647	148	866.9	4.4	1.875	116	0.02752	161
1800	0.06859	408	0.25789	43	0.02795	148	862.5	4.4	1.991	116	0.02913	161
1900	0.07267	411	0.25832	43	0.02943	146	858.1	4.4	2.107	117	0.03074	160
2000	0.07678	414	0.25875	43	0.03089	146	853.7	4.3	2.224	117	0.03234	160
2100	0.08092	416	0.25918	43	0.03235	145	849.4	4.2	2.341	118	0.03394	160
2200	0.08508	420	0.25961	43	0.03380	144	845.2	4.2	2.459	119	0.03554	160
2300	0.08928	422	0.26004	43	0.03524	143	841.0	4.2	2.578	119	0.03714	160
2400	0.09350	426	0.26047	43	0.03667	143	836.8	4.1	2.697	120	0.03874	160
2500	0.09776	428	0.26090	43	0.03810	142	832.7	4.1	2.817	120	0.04034	159
2600	0.10204	431	0.26133	43	0.03952	141	828.6	4.1	2.937	121	0.04193	159
2700	0.10635	435	0.26176	43	0.04093	140	824.5	4.0	3.058	122	0.04352	159
2800	0.11070	437	0.26219	43	0.04233	139	820.5	4.0	3.180	122	0.04511	159
2900	0.11507	440	0.26262	43	0.04372	139	816.5	3.9	3.302	123	0.04670	158
3000	0.11947	443	0.26305	43	0.04511	138	812.6	3.9	3.425	123	0.04828	158
3100	0.12390	446	0.26348	43	0.04649	137	808.7	3.9	3.548	124	0.04986	158
3200	0.12836	450	0.26391	43	0.04786	136	804.8	3.8	3.672	125	0.05144	158
3300	0.13286	452	0.26434	44	0.04922	136	801.0	3.8	3.797	125	0.05302	158
3400	0.13738	456	0.26478	43	0.05058	135	797.2	3.8	3.922	126	0.05460	158
3500	0.14194	459	0.26521	44	0.05193	134	793.4	3.7	4.048	126	0.05618	157
3600	0.14653	462	0.26565	43	0.05327	134	789.7	3.7	4.174	127	0.05775	157
3700	0.15115	464	0.26608	44	0.05461	133	786.0	3.7	4.301	127	0.05932	157
3800	0.15579	468	0.26652	43	0.05594	132	782.3	3.6	4.428	128	0.06089	157
3900	0.16047	471	0.26695	43	0.05726	131	778.7	3.6	4.556	129	0.06246	157
4000	0.16518	474	0.26738	43	0.05857	130	775.1	3.6	4.685	129	0.06403	156
4100	0.16992	478	0.26781	43	0.05987	130	771.5	3.6	4.814	130	0.06559	157
4200	0.17470	480	0.26824	43	0.06117	131	767.9	3.6	4.944	131	0.06716	156
4300	0.17950	484	0.26867	43	0.06248	130	764.3	3.6	5.075	131	0.06872	156
4400	0.18434	487	0.26910	43	0.06378	130	760.7	3.5	5.206	132	0.07028	157
4500	0.18921	490	0.26953	43	0.06508	130	757.2	3.5	5.338	132	0.07185	156
4600	0.19411	494	0.26996	43	0.06638	130	753.7	3.5	5.470	133	0.07341	156
4700	0.19905	496	0.27039	43	0.06768	131	750.2	3.5	5.603	134	0.07497	156
4800	0.20401	500	0.27082	43	0.06899	130	746.7	3.5	5.737	134	0.07653	156
4900	0.20901	503	0.27125	43	0.07029	130	743.2	3.5	5.871	135	0.07809	156
5000	0.21404	506	0.27168	44	0.07159	130	739.7	3.5	6.006	135	0.07965	156

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TABLE II. $V=950\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.21404	506	0.27168	44	0.07159	130	739.7	3.5	6.006	135	0.07965	156
5100	0.21910	510	0.27212	44	0.07289	130	736.2	3.4	6.141	136	0.08121	155
5200	0.22420	513	0.27256	44	0.07419	131	732.8	3.4	6.277	137	0.08276	156
5300	0.22933	517	0.27300	44	0.07550	130	729.4	3.4	6.414	138	0.08432	156
5400	0.23450	520	0.27344	44	0.07680	130	726.0	3.4	6.552	138	0.08588	156
5500	0.23970	524	0.27388	44	0.07810	130	722.6	3.4	6.690	139	0.08744	155
5600	0.24494	527	0.27432	44	0.07940	130	719.2	3.3	6.829	139	0.08899	156
5700	0.25021	530	0.27476	44	0.08070	131	715.9	3.4	6.968	140	0.09055	156
5800	0.25551	534	0.27520	43	0.08201	130	712.5	3.3	7.108	141	0.09211	155
5900	0.26085	537	0.27563	44	0.08331	130	709.2	3.3	7.249	141	0.09366	156
6000	0.26622	541	0.27607	44	0.08461	130	705.9	3.3	7.390	142	0.09522	156
6100	0.27163	545	0.27651	43	0.08591	130	702.6	3.3	7.532	143	0.09678	155
6200	0.27708	548	0.27694	43	0.08721	131	699.3	3.3	7.675	143	0.09833	156
6300	0.28256	552	0.27737	44	0.08852	130	696.0	3.2	7.818	144	0.09989	156
6400	0.28808	555	0.27781	43	0.08982	130	692.8	3.2	7.962	145	0.10145	156
6500	0.29363	559	0.27824	43	0.09112	130	689.6	3.3	8.107	145	0.10301	156
6600	0.29922	563	0.27867	44	0.09242	130	686.3	3.2	8.252	146	0.10457	156
6700	0.30485	566	0.27911	43	0.09372	131	683.1	3.2	8.398	147	0.10613	156
6800	0.31051	570	0.27954	43	0.09503	130	679.9	3.1	8.545	147	0.10769	157
6900	0.31621	574	0.27997	43	0.09633	130	676.8	3.2	8.692	148	0.10926	156
7000	0.32195	578	0.28040	43	0.09763	130	673.6	3.2	8.840	149	0.11082	156
7100	0.32773	581	0.28083	43	0.09893	130	670.4	3.1	8.989	149	0.11238	157
7200	0.33354	585	0.28126	43	0.10023	131	667.3	3.1	9.138	150	0.11395	157
7300	0.33939	590	0.28169	43	0.10154	130	664.2	3.1	9.288	151	0.11552	156
7400	0.34529	593	0.28212	43	0.10284	130	661.1	3.1	9.439	152	0.11708	157
7500	0.35122	597	0.28255	43	0.10414	130	658.0	3.1	9.591	152	0.11865	157
7600	0.35719	601	0.28298	43	0.10544	130	654.9	3.0	9.743	153	0.12022	157
7700	0.36320	605	0.28341	43	0.10674	131	651.9	3.1	9.896	154	0.12179	157
7800	0.36925	609	0.28384	43	0.10805	130	648.8	3.0	10.050	155	0.12336	158
7900	0.37534	613	0.28427	43	0.10935	130	645.8	3.0	10.205	155	0.12494	157
8000	0.38147	617	0.28470	43	0.11065	130	642.8	3.0	10.360	156	0.12651	157
8100	0.38764	621	0.28513	43	0.11195	130	639.8	2.9	10.516	157	0.12808	158
8200	0.39385	626	0.28556	42	0.11325	131	636.9	3.0	10.673	157	0.12966	158
8300	0.40011	629	0.28598	43	0.11456	130	633.9	3.0	10.830	158	0.13124	158
8400	0.40640	634	0.28641	43	0.11586	130	630.9	2.9	10.988	159	0.13282	158
8500	0.41274	638	0.28684	43	0.11716	130	628.0	2.9	11.147	160	0.13440	158
8600	0.41912	643	0.28727	43	0.11846	130	625.1	2.9	11.307	160	0.13598	158
8700	0.42555	646	0.28770	42	0.11976	131	622.2	2.9	11.467	161	0.13756	159
8800	0.43201	651	0.28812	43	0.12107	130	619.3	2.9	11.628	162	0.13915	158
8900	0.43852	655	0.28855	43	0.12237	130	616.4	2.9	11.790	163	0.14073	159
9000	0.44507	659	0.28898	43	0.12367	130	613.5	2.9	11.953	163	0.14232	159
9100	0.45166	664	0.28941	42	0.12497	130	610.6	2.8	12.116	164	0.14391	159
9200	0.45830	669	0.28983	43	0.12627	131	607.8	2.9	12.280	165	0.14550	159
9300	0.46499	673	0.29026	43	0.12758	130	604.9	2.8	12.445	166	0.14709	159
9400	0.47172	678	0.29069	43	0.12888	130	602.1	2.8	12.611	166	0.14868	160
9500	0.47850	682	0.29112	43	0.13018	130	599.3	2.8	12.777	168	0.15028	160
9600	0.48532	687	0.29155	43	0.13148	130	596.5	2.8	12.945	168	0.15188	160
9700	0.49219	691	0.29198	43	0.13278	131	593.7	2.8	13.113	169	0.15348	160
9800	0.49910	696	0.29241	43	0.13409	130	590.9	2.7	13.282	169	0.15508	160
9900	0.50606	700	0.29284	43	0.13539	130	588.2	2.8	13.451	171	0.15668	161
10000	0.51306	704	0.29327	43	0.13669	130	585.4	2.7	13.622	171	0.15829	161

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TABLE II. $V=950$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	v	Δ	T'	Δ	$\log Q$	Δ
10000	0.51306	704	0.29327	43	0.13669	130	585.4	2.7	13.622	171	0.15829	161
10100	0.52010	710	0.29370	43	0.13799	131	582.7	2.7	13.793	172	0.15990	161
10200	0.52720	714	0.29413	43	0.13930	130	580.0	2.7	13.965	173	0.16151	161
10300	0.53434	719	0.29456	44	0.14060	130	577.3	2.7	14.138	174	0.16312	161
10400	0.54153	725	0.29500	43	0.14190	130	574.6	2.7	14.312	175	0.16473	162
10500	0.54878	729	0.29543	43	0.14320	131	571.9	2.7	14.487	175	0.16635	161
10600	0.55607	735	0.29586	44	0.14451	130	569.2	2.6	14.662	176	0.16796	162
10700	0.56342	740	0.29630	43	0.14581	130	566.6	2.6	14.838	177	0.16958	162
10800	0.57082	744	0.29673	43	0.14711	130	564.0	2.7	15.015	178	0.17120	163
10900	0.57826	750	0.29716	44	0.14841	130	561.3	2.6	15.193	179	0.17283	162
11000	0.58576	753	0.29760	44	0.14971	130	558.7	2.6	15.372	179	0.17445	163
11100	0.59329	758	0.29804	43	0.15101	130	556.1	2.6	15.551	180	0.17608	162
11200	0.60087	764	0.29847	44	0.15231	130	553.5	2.6	15.731	181	0.17770	163
11300	0.60851	770	0.29891	44	0.15361	130	550.9	2.5	15.912	181	0.17933	164
11400	0.61621	775	0.29935	44	0.15491	130	548.4	2.6	16.093	182	0.18097	163
11500	0.62396	780	0.29979	44	0.15621	130	545.8	2.5	16.275	183	0.18260	164
11600	0.63176	786	0.30023	44	0.15751	130	543.3	2.6	16.458	184	0.18424	163
11700	0.63962	791	0.30067	44	0.15881	130	540.7	2.5	16.642	186	0.18587	164
11800	0.64753	797	0.30111	44	0.16011	130	538.2	2.5	16.828	186	0.18751	165
11900	0.65550	802	0.30155	44	0.16141	130	535.7	2.5	17.014	187	0.18916	164
12000	0.66352	806	0.30199	44	0.16271	130	533.2	2.5	17.201	188	0.19080	165
12100	0.67158	812	0.30243	45	0.16401	130	530.7	2.5	17.389	189	0.19245	164
12200	0.67970	818	0.30288	44	0.16531	130	528.2	2.4	17.578	190	0.19409	165
12300	0.68788	823	0.30332	45	0.16661	129	525.8	2.5	17.768	191	0.19574	165
12400	0.69611	830	0.30377	45	0.16790	130	523.3	2.4	17.959	192	0.19739	166
12500	0.70441	835	0.30422	44	0.16920	130	520.9	2.5	18.151	193	0.19905	165
12600	0.71276	841	0.30466	45	0.17050	130	518.4	2.4	18.344	194	0.20070	166
12700	0.72117	847	0.30511	45	0.17180	129	516.0	2.4	18.538	194	0.20236	166
12800	0.72964	853	0.30556	45	0.17309	130	513.6	2.4	18.732	195	0.20402	167
12900	0.73817	859	0.30601	45	0.17439	129	511.2	2.4	18.927	196	0.20569	166
13000	0.74676	862	0.30646	45	0.17568	130	508.8	2.4	19.123	197	0.20735	167
13100	0.75538	869	0.30691	45	0.17698	129	506.4	2.3	19.320	198	0.20902	167
13200	0.76407	875	0.30736	46	0.17827	129	504.1	2.4	19.518	198	0.21069	167
13300	0.77282	881	0.30782	45	0.17956	129	501.7	2.3	19.716	200	0.21236	167
13400	0.78163	888	0.30827	46	0.18085	130	499.4	2.3	19.916	201	0.21403	168
13500	0.79051	894	0.30873	45	0.18215	129	497.1	2.3	20.117	202	0.21571	168
13600	0.79945	900	0.30918	46	0.18344	129	494.8	2.3	20.319	202	0.21739	168
13700	0.80845	907	0.30964	45	0.18473	129	492.5	2.3	20.521	204	0.21907	168
13800	0.81752	913	0.31009	46	0.18602	129	490.2	2.3	20.725	204	0.22075	168
13900	0.82665	919	0.31055	46	0.18731	129	487.9	2.3	20.929	206	0.22243	169
14000	0.83584	924	0.31101	46	0.18860	129	485.6	2.3	21.135	206	0.22412	169
14100	0.84508	930	0.31147	46	0.18989	129	483.3	2.2	21.341	208	0.22581	169
14200	0.85438	937	0.31193	46	0.19118	128	481.1	2.3	21.549	209	0.22750	170
14300	0.86375	944	0.31239	47	0.19246	129	478.8	2.2	21.758	209	0.22920	169
14400	0.87319	951	0.31286	46	0.19375	129	476.6	2.2	21.967	210	0.23089	170
14500	0.88270	957	0.31332	46	0.19504	128	474.4	2.2	22.177	211	0.23259	170
14600	0.89227	964	0.31378	47	0.19632	129	472.2	2.2	22.388	213	0.23429	170
14700	0.90191	971	0.31425	46	0.19761	128	470.0	2.2	22.601	214	0.23599	171
14800	0.91162	978	0.31471	47	0.19889	129	467.8	2.2	22.815	214	0.23770	170
14900	0.92140	985	0.31518	46	0.20018	128	465.6	2.2	23.029	215	0.23940	171
15000	0.93125	989	0.31564	47	0.20146	128	463.4	2.2	23.244	216	0.24111	171

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TABLE II. $V=950\,f.\,s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.93125	989	0.31564	47	0.20146	128	463.4	2.2	23.244	216	0.24111	171
15100	0.94114	997	0.31611	46	0.20274	129	461.2	2.1	23.460	217	0.24282	171
15200	0.95111	1004	0.31657	47	0.20403	128	459.1	2.2	23.677	219	0.24453	171
15300	0.96115	1011	0.31704	47	0.20531	128	456.9	2.1	23.896	219	0.24624	172
15400	0.97126	1018	0.31751	47	0.20659	128	454.8	2.2	24.115	221	0.24796	172
15500	0.96144	1026	0.31798	46	0.20787	128	452.7	2.1	24.336	222	0.24968	172
15600	0.99170	1033	0.31844	47	0.20915	128	450.5	2.1	24.558	222	0.25140	172
15700	1.00203	1041	0.31891	47	0.21043	128	448.4	2.0	24.770	223	0.25312	173
15800	1.01244	1048	0.31938	46	0.21171	128	446.4	2.1	25.003	224	0.25485	173
15900	1.02292	1055	0.31984	47	0.21299	128	444.3	2.1	25.227	226	0.25658	173
16000	1.03347	1060	0.32031	47	0.21427	128	442.2	2.1	25.453	227	0.25831	173
16100	1.04407	1068	0.32078	46	0.21555	128	440.1	2.0	25.680	227	0.26004	174
16200	1.05475	1075	0.32124	47	0.21683	127	438.1	2.1	25.907	229	0.26178	175
16300	1.06550	1084	0.32171	47	0.21810	128	436.0	2.0	26.136	230	0.26351	174
16400	1.07634	1092	0.32218	47	0.21938	127	434.0	2.0	26.366	231	0.26525	174
16500	1.08726	1099	0.32265	46	0.22065	128	432.0	2.1	26.597	232	0.26699	174
16600	1.09825	1107	0.32311	47	0.22193	127	429.9	2.0	26.829	233	0.26873	175
16700	1.10932	1116	0.32358	47	0.22320	128	427.9	1.9	27.062	234	0.27048	175
16800	1.12048	1123	0.32405	46	0.22448	127	426.0	2.0	27.296	236	0.27223	175
16900	1.13171	1131	0.32451	47	0.22575	127	424.0	2.0	27.532	236	0.27398	175
17000	1.14302	1136	0.32498	47	0.22702	127	422.0	2.0	27.768	237	0.27573	175
17100	1.15438	1145	0.32545	46	0.22829	127	420.0	1.9	28.005	239	0.27748	176
17200	1.16583	1153	0.32591	47	0.22956	127	418.1	1.9	28.244	240	0.27924	176
17300	1.17736	1162	0.32638	47	0.23083	127	416.2	2.0	28.484	241	0.28100	176
17400	1.18898	1170	0.32685	46	0.23210	127	414.2	1.9	28.725	242	0.28276	176
17500	1.20068	1179	0.32731	47	0.23337	127	412.3	1.9	28.967	243	0.28452	177
17600	1.21247	1187	0.32778	47	0.23464	127	410.4	1.9	29.210	244	0.28629	177
17700	1.22434	1196	0.32825	47	0.23591	127	408.5	1.9	29.454	245	0.28806	177
17800	1.23630	1204	0.32872	47	0.23718	126	406.6	1.9	29.699	247	0.28983	177
17900	1.24834	1213	0.32919	47	0.23844	127	404.7	1.9	29.946	248	0.29160	178
18000	1.26047	1219	0.32966	47	0.23971	127	402.8	1.9	30.194	249	0.29338	178
18100	1.27266	1228	0.33013	47	0.24098	126	400.9	1.8	30.443	250	0.29516	178
18200	1.28494	1237	0.33060	47	0.24224	127	399.1	1.9	30.693	251	0.29694	178
18300	1.29731	1246	0.33107	47	0.24351	126	397.2	1.9	30.944	252	0.29872	179
18400	1.30977	1256	0.33154	47	0.24477	126	395.3	1.9	31.196	254	0.30051	179
18500	1.32233	1264	0.33201	48	0.24603	126	393.5	1.8	31.450	255	0.30230	179
18600	1.33497	1274	0.33249	47	0.24729	126	391.7	1.9	31.705	256	0.30409	179
18700	1.34771	1283	0.33296	47	0.24855	126	389.8	1.8	31.961	257	0.30588	180
18800	1.36054	1292	0.33343	48	0.24981	126	388.0	1.8	32.218	258	0.30768	180
18900	1.37346	1301	0.33391	47	0.25107	126	386.2	1.8	32.476	260	0.30948	180
19000	1.38647	1307	0.33438	48	0.25233	126	384.4	1.8	32.736	361	0.31128	180
19100	1.39954	1317	0.33486	47	0.25359	125	382.6	1.8	32.997	261	0.31308	181
19200	1.41271	1327	0.33533	48	0.25484	126	380.8	1.7	33.258	263	0.31489	181
19300	1.42598	1337	0.35581	48	0.25610	125	379.1	1.8	33.521	265	0.31670	181
19400	1.43935	1347	0.33629	48	0.25735	126	377.3	1.8	33.786	266	0.31851	181
19500	1.45282	1357	0.33677	48	0.25861	125	375.5	1.7	34.052	267	0.32032	181
19600	1.46639	1366	0.33725	48	0.25986	125	373.8	1.8	34.319	268	0.32213	182
19700	1.48005	1377	0.33773	48	0.26111	125	372.0	1.7	34.587	269	0.32395	182
19800	1.49382	1386	0.33821	48	0.26236	125	370.3	1.8	34.856	271	0.32577	182
19900	1.50768	1396	0.33869	48	0.26361	125	368.5	1.7	35.127	272	0.32759	182
20000	1.52164	1406	0.33917	48	0.26486	125	366.8	1.8	35.399	273	0.32941	182

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TABLE II. $V=975\,f.\,s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	340	0.25000	46	0.00000	168	975.0	5.6	0.000	103	0.00000	168
100	0.00340	342	0.25046	45	0.00168	166	969.4	5.6	0.103	103	0.00168	169
200	0.00682	345	0.25091	46	0.00334	166	963.8	5.5	0.206	104	0.00337	168
300	0.01027	348	0.25137	45	0.00500	165	958.3	5.4	0.310	105	0.00505	167
400	0.01375	350	0.25182	46	0.00665	163	952.9	5.4	0.415	105	0.00672	168
500	0.01725	353	0.25228	45	0.00828	163	947.5	5.3	0.520	106	0.00840	167
600	0.02078	355	0.25273	45	0.00991	162	942.2	5.2	0.626	107	0.01007	167
700	0.02433	358	0.25319	45	0.01153	161	937.0	5.2	0.733	107	0.01174	166
800	0.02791	361	0.25364	46	0.01314	159	931.8	5.1	0.840	108	0.01340	167
900	0.03152	364	0.25410	45	0.01473	159	926.7	5.1	0.948	108	0.01507	166
1000	0.03516	366	0.25455	45	0.01632	158	921.6	5.0	1.056	109	0.01673	166
1100	0.03882	369	0.25500	46	0.01790	157	916.6	5.0	1.165	109	0.01839	165
1200	0.04251	372	0.25546	45	0.01947	156	911.6	4.9	1.274	110	0.02004	166
1300	0.04623	375	0.25591	45	0.02103	155	906.7	4.8	1.384	111	0.02170	165
1400	0.04998	377	0.25636	46	0.02258	154	901.9	4.8	1.495	111	0.02335	165
1500	0.05375	380	0.25682	45	0.02412	153	897.1	4.8	1.606	112	0.02500	164
1600	0.05755	383	0.25727	45	0.02565	152	892.3	4.7	1.718	112	0.02664	165
1700	0.06138	386	0.25772	45	0.02717	152	887.6	4.6	1.830	113	0.02829	165
1800	0.06524	389	0.25817	46	0.02869	150	883.0	4.6	1.943	114	0.02994	164
1900	0.06913	391	0.25863	45	0.03019	150	878.4	4.6	2.057	114	0.03158	164
2000	0.07304	394	0.25908	46	0.03169	149	873.8	4.5	2.171	115	0.03322	164
2100	0.07698	397	0.25954	45	0.03318	148	869.3	4.5	2.286	115	0.03486	163
2200	0.08095	400	0.25999	46	0.03466	147	864.8	4.4	2.401	116	0.03649	164
2300	0.08495	403	0.26045	46	0.03613	146	860.4	4.4	2.517	116	0.03813	163
2400	0.08898	406	0.26091	46	0.03759	145	856.0	4.3	2.633	117	0.03976	163
2500	0.09304	409	0.26137	45	0.03904	145	851.7	4.3	2.750	118	0.04139	163
2600	0.09713	411	0.26182	46	0.04049	144	847.4	4.2	2.868	118	0.04302	163
2700	0.10124	415	0.26228	46	0.04193	143	843.2	4.2	2.986	119	0.04465	163
2800	0.10539	417	0.26274	45	0.04336	142	839.0	4.2	3.105	120	0.04628	163
2900	0.10956	420	0.26319	46	0.04478	142	834.8	4.1	3.225	120	0.04791	162
3000	0.11376	423	0.26365	46	0.04620	141	830.7	4.1	3.345	121	0.04953	162
3100	0.11799	426	0.26411	47	0.04761	140	826.6	4.0	3.466	121	0.05115	162
3200	0.12225	429	0.26458	46	0.04901	139	822.6	4.0	3.587	122	0.05277	162
3300	0.12654	432	0.26504	46	0.05040	139	818.6	4.0	3.709	122	0.05439	162
3400	0.13086	435	0.26550	46	0.05179	138	814.6	3.9	3.831	123	0.05601	161
3500	0.13521	438	0.26596	46	0.05317	137	810.7	3.9	3.954	124	0.05762	162
3600	0.13959	441	0.26642	46	0.05454	136	806.8	3.8	4.078	124	0.05924	161
3700	0.14400	445	0.26688	45	0.05590	136	803.0	3.8	4.202	125	0.06085	161
3800	0.14845	447	0.26733	46	0.05726	135	799.2	3.8	4.327	125	0.06246	161
3900	0.15292	450	0.26779	45	0.05861	134	795.4	3.7	4.452	126	0.06407	161
4000	0.15742	453	0.26824	44	0.05995	132	791.7	3.7	4.578	127	0.06568	161
4100	0.16195	457	0.26868	44	0.06127	132	788.0	3.7	4.705	127	0.06729	160
4200	0.16652	460	0.26912	44	0.06259	132	784.3	3.6	4.832	128	0.06889	161
4300	0.17112	463	0.26956	44	0.06391	131	780.7	3.7	4.960	128	0.07050	160
4400	0.17575	466	0.27000	44	0.06522	132	777.0	3.6	5.088	129	0.07210	160
4500	0.18041	468	0.27044	43	0.06654	131	773.4	3.6	5.217	130	0.07370	160
4600	0.18509	472	0.27087	44	0.06785	131	769.8	3.6	5.347	130	0.07530	160
4700	0.18981	476	0.27131	44	0.05916	130	766.2	3.6	5.477	131	0.07690	159
4800	0.19457	478	0.27175	44	0.07046	131	762.6	3.6	5.608	132	0.07849	160
4900	0.19935	481	0.27219	44	0.07177	130	759.0	3.5	5.740	132	0.08009	159
5000	0.20416	485	0.27263	42	0.07307	129	755.5	3.5	5.872	133	0.08168	159

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TABLE II. $V=975$ *f. s.*—Continued.

$Z-\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.20416	485	0.27263	42	0.07307	129	755.5	3.5	5.872	133	0.08168	159
5100	0.20901	488	0.27305	42	0.07436	129	752.0	3.5	6.005	133	0.08327	158
5200	0.21389	491	0.27347	42	0.07565	129	748.5	3.5	6.138	134	0.08485	159
5300	0.21880	495	0.27389	42	0.07694	129	745.0	3.5	6.272	134	0.08644	159
5400	0.22375	498	0.27431	42	0.07823	128	741.5	3.5	6.406	135	0.08803	159
5500	0.22873	501	0.27473	42	0.07951	129	738.0	3.4	6.541	136	0.08962	158
5600	0.23374	504	0.27515	41	0.08080	129	734.6	3.4	6.677	137	0.09120	159
5700	0.23878	508	0.27556	42	0.08209	129	731.2	3.4	6.814	137	0.09279	159
5800	0.24386	511	0.27598	41	0.08338	129	727.8	3.4	6.951	138	0.09438	158
5900	0.24897	514	0.27639	41	0.08467	129	724.4	3.4	7.089	138	0.09596	159
6000	0.25411	518	0.27680	41	0.08596	129	721.0	3.4	7.227	139	0.09755	159
6100	0.25929	521	0.27721	42	0.08725	129	717.6	3.3	7.366	139	0.09914	158
6200	0.26450	525	0.27763	41	0.08854	128	714.3	3.3	7.505	140	0.10072	159
6300	0.26975	529	0.27804	41	0.08982	129	711.0	3.3	7.645	141	0.10231	158
6400	0.27504	532	0.27845	42	0.09111	129	707.7	3.3	7.786	142	0.10389	159
6500	0.28036	535	0.27887	41	0.09240	129	704.4	3.3	7.928	142	0.10548	158
6600	0.28571	539	0.27928	41	0.09369	129	701.1	3.3	8.070	143	0.10706	159
6700	0.29110	542	0.27970	42	0.09498	128	697.8	3.2	8.213	144	0.10865	158
6800	0.29652	546	0.28012	41	0.09626	129	694.6	3.3	8.357	144	0.11023	159
6900	0.30198	550	0.28053	42	0.09755	129	691.3	3.2	8.501	145	0.11182	158
7000	0.30748	553	0.28095	42	0.09884	129	688.1	3.2	8.646	146	0.11340	159
7100	0.31301	557	0.28137	42	0.10013	129	684.9	3.2	8.792	146	0.11499	158
7200	0.31858	561	0.28179	42	0.10142	130	681.7	3.2	8.938	147	0.11657	159
7300	0.32419	565	0.28221	42	0.10272	129	678.5	3.2	9.085	148	0.11816	159
7400	0.32984	568	0.28263	42	0.10401	129	675.3	3.1	9.233	148	0.11975	159
7500	0.33552	572	0.28305	42	0.10530	129	672.2	3.2	9.381	149	0.12134	158
7600	0.34124	576	0.28347	42	0.10659	129	669.0	3.1	9.530	150	0.12292	159
7700	0.34700	580	0.28389	42	0.10788	130	665.9	3.1	9.680	151	0.12451	160
7800	0.35280	583	0.28431	42	0.10918	129	662.8	3.1	9.831	151	0.12611	159
7900	0.35863	587	0.28473	42	0.11047	129	659.7	3.1	9.982	152	0.12770	159
8000	0.36450	591	0.28515	42	0.11176	129	656.6	3.1	10.134	152	0.12929	159
8100	0.37041	595	0.28557	43	0.11305	129	653.5	3.0	10.286	154	0.13088	160
8200	0.37636	599	0.28600	42	0.11434	130	650.5	3.0	10.440	154	0.13248	159
8300	0.38235	604	0.28642	43	0.11564	129	647.5	3.1	10.594	155	0.13407	159
8400	0.38839	607	0.28685	42	0.11693	129	644.4	3.0	10.749	155	0.13566	160
8500	0.39446	611	0.28727	42	0.11822	129	641.4	3.0	10.904	156	0.13726	160
8600	0.40057	616	0.28769	43	0.11951	129	638.4	2.9	11.060	157	0.13886	160
8700	0.40673	619	0.28812	42	0.12080	130	635.5	3.0	11.217	158	0.14046	160
8800	0.41292	623	0.28854	43	0.12210	129	632.5	3.0	11.375	159	0.14206	161
8900	0.41915	628	0.28897	42	0.12339	129	629.5	2.9	11.534	159	0.14367	160
9000	0.42543	632	0.28939	43	0.12468	129	626.6	2.9	11.693	160	0.14527	161
9100	0.43175	636	0.28982	43	0.12597	129	623.7	2.9	11.853	160	0.14688	160
9200	0.43811	641	0.29025	43	0.12726	130	620.8	2.9	12.013	162	0.14848	161
9300	0.44452	645	0.29068	43	0.12856	129	617.9	2.9	12.175	162	0.15009	161
9400	0.45097	649	0.29111	43	0.12985	129	615.0	2.9	12.337	163	0.15170	161
9500	0.45746	654	0.29154	43	0.13114	129	612.1	2.8	12.500	164	0.15331	161
9600	0.46400	658	0.29197	43	0.13243	129	609.3	2.9	12.664	164	0.15492	162
9700	0.47058	662	0.29240	43	0.13372	130	606.4	2.8	12.828	166	0.15654	161
9800	0.47720	667	0.29283	43	0.13502	129	603.6	2.8	12.994	166	0.15815	161
9900	0.48387	671	0.29326	43	0.13631	129	600.8	2.8	13.160	167	0.15977	162
10000	0.49058	676	0.29369	44	0.13760	129	598.0	2.8	13.327	168	0.16139	162

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TABLE II. $V=975$ f. s.—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	w	Δ	T'	Δ	$\log Q$	Δ
10000	0.49058	676	0.29369	44	1.3760	129	598.0	2.8	13.327	168	0.16139	162
10100	0.49734	680	0.29413	43	1.3889	129	595.2	2.7	13.495	168	0.16301	162
10200	0.50414	685	0.29456	44	1.4018	130	592.5	2.8	13.663	169	0.16463	163
10300	0.51099	690	0.29500	43	1.4148	129	589.7	2.8	13.832	170	0.16626	162
10400	0.51789	694	0.29543	44	1.4277	129	586.9	2.7	14.002	171	0.16788	163
10500	0.52483	699	0.29587	44	1.4406	129	584.2	2.7	14.173	172	0.16951	163
10600	0.53182	704	0.29631	43	1.4535	129	581.5	2.7	14.345	172	0.17114	163
10700	0.53886	708	0.29674	44	1.4664	130	578.8	2.7	14.517	174	0.17277	163
10800	0.54594	713	0.29718	43	1.4794	129	576.1	2.7	14.691	174	0.17440	163
10900	0.55307	718	0.29761	44	1.4923	129	573.4	2.7	14.865	175	0.17603	164
11000	0.56025	722	0.29805	44	1.5052	129	570.7	2.7	15.040	176	0.17767	164
11100	0.56747	728	0.29849	44	1.5181	129	568.0	2.6	15.216	176	0.17931	163
11200	0.57475	732	0.29893	44	1.5310	130	565.4	2.6	15.392	178	0.18094	164
11300	0.58207	737	0.29937	44	1.5440	129	562.8	2.7	15.570	178	0.18258	165
11400	0.58944	743	0.29981	45	1.5569	129	560.1	2.6	15.748	179	0.18423	164
11500	0.59687	747	0.30026	44	1.5698	129	557.5	2.6	15.927	180	0.18587	165
11600	0.60434	753	0.30070	44	1.5827	129	554.9	2.6	16.107	181	0.18752	164
11700	0.61187	758	0.30114	44	1.5956	130	552.3	2.6	16.288	181	0.18916	165
11800	0.61945	762	0.30158	44	1.6086	129	549.7	2.5	16.469	183	0.19081	166
11900	0.62707	768	0.30202	44	1.6215	129	547.2	2.6	16.652	183	0.19247	165
12000	0.63475	773	0.30246	45	1.6344	129	544.6	2.5	16.835	184	0.19412	166
12100	0.64248	778	0.30291	44	1.6473	129	542.1	2.6	17.019	185	0.19578	165
12200	0.65026	784	0.30335	45	1.6602	129	539.5	2.5	17.204	185	0.19743	166
12300	0.65810	789	0.30380	44	1.6731	129	537.0	2.5	17.389	187	0.19909	166
12400	0.66599	795	0.30424	45	1.6860	129	534.5	2.5	17.576	188	0.20075	167
12500	0.67394	800	0.30469	45	1.6989	129	532.0	2.5	17.764	188	0.20242	166
12600	0.68194	806	0.30514	44	1.7118	129	529.5	2.4	17.952	189	0.20408	167
12700	0.69000	811	0.30558	45	1.7247	129	527.1	2.5	18.141	191	0.20575	167
12800	0.69811	817	0.30603	44	1.7376	129	524.6	2.5	18.332	191	0.20742	167
12900	0.70628	822	0.30647	45	1.7505	129	522.1	2.4	18.523	191	0.20909	167
13000	0.71450	828	0.30692	45	1.7634	129	519.7	2.4	18.715	193	0.21076	167
13100	0.72278	833	0.30737	45	1.7763	129	517.3	2.4	18.908	194	0.21243	168
13200	0.73111	840	0.30782	45	1.7891	128	514.9	2.4	19.102	194	0.21411	168
13300	0.73951	845	0.30827	45	1.8020	129	512.5	2.4	19.296	196	0.21579	168
13400	0.74796	851	0.30872	46	1.8148	129	510.1	2.4	19.492	196	0.21747	168
13500	0.75647	857	0.30918	45	1.8277	129	507.7	2.4	19.688	198	0.21915	168
13600	0.76504	862	0.30963	45	1.8406	128	505.3	2.3	19.886	198	0.22083	169
13700	0.77366	869	0.31008	45	1.8534	129	503.0	2.3	20.084	200	0.22252	169
13800	0.78235	874	0.31053	45	1.8663	128	500.7	2.4	20.284	200	0.22421	169
13900	0.79109	880	0.31098	45	1.9791	129	498.3	2.3	20.484	201	0.22590	169
14000	0.79989	886	0.31143	46	1.8920	128	496.0	2.3	20.685	202	0.22759	169
14100	0.80875	893	0.31189	45	1.9048	129	493.7	2.3	20.887	203	0.22928	170
14200	0.81768	898	0.31234	46	1.9177	128	491.4	2.3	21.090	203	0.23098	170
14300	0.82666	905	0.31280	45	1.9305	128	489.1	2.3	21.293	205	0.23268	169
14400	0.83571	912	0.31325	46	1.9433	129	486.8	2.3	21.498	206	0.23437	171
14500	0.84483	917	0.31371	46	1.9562	128	484.5	2.3	21.704	207	0.23608	170
14600	0.85400	924	0.31417	45	1.9690	128	482.2	2.2	21.911	208	0.23778	171
14700	0.86324	930	0.31462	46	1.9818	128	480.0	2.2	22.119	208	0.23949	171
14800	0.87254	936	0.31508	45	1.9946	129	477.8	2.3	22.327	210	0.24120	171
14900	0.88190	943	0.31553	46	2.0075	128	475.5	2.2	22.537	211	0.24291	171
15000	0.89133	949	0.31599	46	2.0203	128	473.3	2.2	22.748	212	0.24462	172

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TABLE II. *V=975 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*w*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.89133	949	0.31599	46	2.0203	128	473.3	2.2	22.748	212	0.24462	172
15100	0.90082	956	0.31645	46	2.0331	128	471.1	2 2	22.960	212	0.24634	171
15200	0.91038	963	0.31691	46	2.0459	127	468.9	2.2	23.172	214	0.24805	172
15300	0.92001	970	0 31737	46	2.0586	128	466.7	2.1	23.386	214	0.24977	172
15400	0.92971	976	0.31783	46	2.0714	128	464.6	2.2	23.600	216	0.25149	173
15500	0.93947	983	0.31829	46	2.0842	128	462.4	2.2	23.816	217	0.25322	173
15600	0.94930	990	0.31875	46	2.0970	128	460.2	2.1	24.033	217	0.25494	173
15700	0.95920	996	0.31921	46	2.1098	127	458.1	2.2	24.250	219	0.25667	173
15800	0.96916	1004	0.31967	46	2.1225	128	455.9	2.1	24.469	220	0.25840	174
15900	0.97920	1010	0.32013	46	2.1353	128	453.8	2.1	24.689	221	0.26014	173
16000	0.98930	1017	0.32059	47	2.1481	127	451.7	2.1	24.910	222	0.26187	174
16100	0.99947	1024	0.32106	46	2.1608	127	449.6	2.1	25.132	223	0.26361	174
16200	1.00971	1031	0.32152	47	2.1735	127	447.5	2.1	25.355	223	0.26535	174
16300	1.02002	1039	0.32199	46	2.1862	127	445.4	2.0	25.578	225	0.26709	175
16400	1.03041	1046	0.32245	47	2.1989	128	443.4	2.1	25.803	227	0.26884	175
16500	1.04087	1053	0.32292	46	2.2117	127	441.3	2.1	26.030	227	0.27059	175
16600	1.05140	1061	0.32338	47	2.2244	127	439.2	2.0	26.257	228	0.27234	175
16700	1.06201	1068	0.32385	46	2.2371	127	437.2	2.0	26.485	229	0.27409	175
16800	1.07269	1075	0.32431	47	2.2498	127	435.2	2.1	26.714	231	0.27584	176
16900	1.08344	1083	0.32478	46	2.2625	127	433.1	2.0	26.945	231	0.27760	176
17000	1.09427	1090	0.32524	47	2.2752	126	431.1	2.0	27.176	232	0.27936	176
17100	1.10517	1098	0.32571	47	2.2878	127	429.1	2.0	27.408	234	0.28112	176
17200	1.11615	1106	0.32618	47	2.3005	126	427.1	2.0	27.642	235	0.28288	177
17300	1.12721	1114	0.32665	47	2.3131	126	425.1	2.0	27.877	235	0.28465	176
17400	1.13835	1122	0.32712	47	2.3257	127	423.1	1.9	28.112	237	0.28641	177
17500	1.14957	1129	0.32759	47	2.3384	126	421.2	2.0	28.349	238	0.28818	177
17600	1.16086	1138	0.32806	47	2.3510	126	419.2	2.0	28.587	240	0.28995	178
17700	1.17224	1145	0.32853	47	2.3636	126	417.2	1.9	28.827	240	0.29173	177
17800	1.18369	1154	0.32900	47	2.3762	127	415.3	2.0	29.067	241	0.29350	178
17900	1.19523	1161	0.32947	47	2.3889	126	413.3	1.9	29.308	243	0.29528	178
18000	1.20684	1170	0.32994	47	2.4015	126	411.4	1.9	29.551	244	0.29706	178
18100	1.21854	1178	0.33041	48	2.4141	125	409.5	1.9	29.795	244	0.29884	179
18200	1.23032	1186	0.33089	47	2.4266	126	407.6	1.9	30.039	246	0.30063	179
18300	1.24218	1195	0.33136	48	2.4392	125	405.7	1.9	30.285	247	0.30242	179
18400	1.25413	1204	0.33184	47	2.4517	126	403.8	1.9	30.532	249	0.30421	179
18500	1.26617	1211	0.33231	47	2.4643	126	401.9	1.9	30.781	249	0.30600	180
18000	1.27828	1221	0.33278	47	2.4769	125	400.0	1.8	31.030	251	0.30780	179
18700	1.29049	1229	0.33325	48	2.4894	126	398.2	1.9	31.281	252	0.30959	180
18800	1.30278	1237	0.33373	47	2.5020	125	396.3	1.9	31.533	253	0.31139	181
18900	1.31515	1246	0.33420	48	2.5145	126	394.4	1.8	31.786	254	0.31320	180
19000	1.32761	1254	0.33468	48	2.5271	125	392.6	1.8	32.040	255	0.31500	180
19100	1.34015	1264	0.33516	48	2.5396	125	390.8	1.9	32.295	257	0.31680	181
19200	1.35279	1272	0.33564	48	2.5521	125	388.9	1.8	32.552	258	0.31861	181
19300	1.36551	1282	0.33612	47	2.5646	125	387.1	1.8	32.810	258	0.32042	181
19400	1.37833	1291	0.33659	48	2.5771	125	385.3	1.8	33.068	261	0.32223	181
19500	1.39124	1300	0.33707	48	2.5896	125	383.5	1.8	33.329	261	0.32404	182
19600	1.40424	1309	0.33755	48	2.6021	125	381.7	1.8	33.590	263	0.32586	182
19700	1.41733	1318	0.33803	47	2.6146	125	379.9	1.8	33.853	264	0.32768	182
19800	1.43051	1328	0.33850	48	2.6271	125	378.1	1.7	34.117	265	0.32950	182
19900	1.44379	1336	0.33898	48	2.6396	125	376.4	1.8	34.382	266	0.33132	183
20000	1.45715	1345	0.33946	48	2.6521	125	374.6	1.8	34.648	267	0.33315	182

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TABLE II. *V=1,000 f. s.*—Continued.

$z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*v*	Δ	*T'*	Δ	*log Q*	Δ
0	0.00000	323	0.25000	55	0.00000	179	1000.0	6.0	0.000	100	0.00000	181
100	0.00323	326	0.25055	54	0.00179	176	994.0	5.9	0.100	101	0.00181	179
200	0.00649	328	0.25109	53	0.00355	174	988.1	5.9	0.201	102	0.00360	179
300	0.00977	331	0.25162	53	0.00529	172	982.2	5.8	0.303	102	0.00539	179
400	0.01308	334	0.25215	53	0.00701	170	976.4	5.8	0.405	103	0.00718	178
500	0.01642	336	0.25268	52	0.00871	168	970.6	5.6	0.508	104	0.00896	177
600	0.01978	339	0.25320	51	0.01039	166	965.0	5.6	0.612	104	0.01073	176
700	0.02317	342	0.25371	51	0.01205	165	959.4	5.6	0.716	104	0.01249	175
800	0.02659	344	0.25422	50	0.01370	164	953.8	5.4	0.820	105	0.01424	175
900	0.03003	347	0.25472	50	0.01534	163	948.4	5.4	0.925	106	0.01599	174
1000	0.03350	349	0.25522	48	0.01697	161	943.0	5.2	1.031	106	0.01773	172
1100	0.03699	353	0.25570	48	0.01858	159	937.8	5.2	1.137	107	0.01945	171
1200	0.04052	355	0.25618	47	0.02017	157	932.6	5.1	1.244	108	0.02116	170
1300	0.04407	357	0.25665	48	0.02174	155	927.5	5.1	1.352	108	0.02286	171
1400	0.04764	361	0.25713	47	0.02329	155	922.4	5.0	1.460	109	0.02457	171
1500	0.05125	363	0.25760	47	0.02484	155	917.4	5.0	1.569	109	0.02628	170
1600	0.05488	366	0.25807	47	0.02639	155	912.4	4.9	1.678	110	0.02798	170
1700	0.05854	368	0.25854	46	0.02794	154	907.5	4.9	1.788	110	0.02968	170
1800	0.06222	372	0.25900	47	0.02948	153	902.6	4.8	1.898	111	0.03138	169
1900	0.06594	374	0.25947	46	0.03101	152	897.8	4.8	2.009	112	0.03307	169
2000	0.06968	377	0.25993	46	0.03253	151	893.0	4.7	2.121	112	0.03476	169
2100	0.07345	380	0.26039	45	0.03404	150	888.3	4.6	2.233	113	0.03645	169
2200	0.07725	382	0.26084	46	0.03554	150	883.7	4.6	2.346	113	0.03814	168
2300	0.08107	386	0.26130	45	0.03704	149	879.1	4.6	2.459	114	0.03982	168
2400	0.08493	388	0.26175	45	0.03853	149	874.5	4.5	2.573	115	0.04150	168
2500	0.08881	390	0.26220	45	0.04002	147	870.0	4.5	2.688	115	0.04318	168
2600	0.09271	394	0.26265	45	0.04149	147	865.5	4.4	2.803	116	0.04486	168
2700	0.09665	397	0.26310	45	0.04296	147	861.1	4.4	2.919	116	0.04654	167
2800	0.10062	399	0.26355	45	0.04443	145	856.7	4.3	3.035	117	0.04821	167
2900	0.10461	402	0.26400	45	0.04588	144	852.4	4.3	3.152	118	0.04988	167
3000	0.10863	406	0.26445	44	0.04732	144	848.1	4.2	3.270	118	0.05155	166
3100	0.11269	408	0.26489	44	0.04876	144	843.9	4.2	3.388	119	0.05321	166
3200	0.11677	411	0.26533	44	0.05020	142	839.7	4.2	3.507	120	0.05487	166
3300	0.12088	414	0.26577	44	0.05162	142	835.5	4.1	3.627	120	0.05653	166
3400	0.12502	416	0.26621	44	0.05304	140	831.4	4.1	3.747	120	0.05819	166
3500	0.12918	420	0.26665	44	0.05444	140	827.3	4.1	3.867	121	0.05985	166
3600	0.13338	423	0.26709	44	0.05584	138	823.2	4.0	3.988	122	0.06151	165
3700	0.13761	426	0.26753	44	0.05722	138	819.2	4.0	4.110	122	0.06316	165
3800	0.14187	429	0.26797	44	0.05860	137	815.2	3.9	4.232	123	0.06481	165
3900	0.14616	432	0.26841	44	0.05997	136	811.3	3.9	4.355	124	0.06646	165
4000	0.15048	435	0.26885	44	0.06133	135	807.4	3.8	4.479	124	0.06811	165
4100	0.15483	437	0.26929	43	0.06268	135	803.6	3.8	4.603	125	0.06976	164
4200	0.15920	441	0.26972	44	0.06403	133	799.8	3.7	4.728	125	0.07140	164
4300	0.16361	444	0.27016	43	0.06536	133	796.1	3.7	4.853	126	0.07304	164
4400	0.16805	447	0.27059	43	0.06669	133	792.4	3.8	4.979	126	0.07468	164
4500	0.17252	450	0.27102	43	0.06802	132	788.6	3.7	5.105	127	0.07632	163
4600	0.17702	453	0.27145	44	0.06934	132	784.9	3.7	5.232	128	0.07795	163
4700	0.18155	456	0.27189	43	0.07066	131	781.2	3.6	5.360	128	0.07958	163
4800	0.18611	459	0.27232	43	0.07197	131	777.6	3.7	5.488	129	0.08121	163
4900	0.19070	463	0.27275	43	0.07328	130	773.9	3.6	5.617	130	0.08284	163
5000	0.19533	465	0.27318	43	0.07458	129	770.3	3.6	5.747	130	0.08447	163

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TABLE II. *V=1,000 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*w*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.19533	465	0.27818	43	0.07458	129	770.3	3.6	5.747	130	0.08447	163
5100	0.19998	468	0.27861	43	0.07587	129	766.7	3.6	5.877	131	0.08610	163
5200	0.20466	472	0.27404	42	0.07716	129	763.1	3.5	6.008	131	0.08773	162
5300	0.20938	475	0.27446	43	0.07845	129	759.6	3.6	6.139	132	0.08935	162
5400	0.21413	478	0.27489	43	0.07974	128	756.0	3.5	6.271	133	0.09097	162
5500	0.21891	481	0.27532	42	0.08102	129	752.5	3.5	6.404	133	0.09259	162
5600	0.22372	485	0.27574	43	0.08231	128	749.0	3.5	6.537	134	0.09421	162
5700	0.22857	488	0.27617	42	0.08359	129	745.5	3.5	6.671	134	0.09583	162
5800	0.23345	491	0.27659	43	0.08488	128	742.0	3.5	6.805	135	0.09745	162
5900	0.23836	494	0.27702	42	0.08616	128	738.5	3.4	6.940	136	0.09907	161
6000	0.24330	497	0.27744	43	0.08744	128	735.1	3.4	7.076	136	0.10068	161
6100	0.24827	501	0.27787	43	0.08872	128	731.7	3.4	7.212	137	0.10229	161
6200	0.25328	505	0.27830	42	0.09000	127	728.3	3.4	7.349	138	0.10390	161
6300	0.25833	507	0.27872	42	0.09127	128	724.9	3.4	7.487	138	0.10551	161
6400	0.26340	511	0.27914	42	0.09255	128	721.5	3.3	7.625	139	0.10712	161
6500	0.26851	515	0.27956	42	0.09383	128	718.2	3.4	7.764	140	0.10873	161
6600	0.27366	518	0.27998	42	0.09511	128	714.8	3.3	7.904	140	0.11034	161
6700	0.27884	521	0.28040	42	0.09639	127	711.5	3.3	8.044	141	0.11195	162
6800	0.28405	525	0.28082	41	0.09766	128	708.2	3.3	8.185	142	0.11357	161
6900	0.28930	528	0.28123	41	0.09894	128	704.9	3.3	8.327	142	0.11518	160
7000	0.29458	532	0.28164	42	0.10022	128	701.6	3.3	8.469	143	0.11680	160
7100	0.29990	535	0.28206	41	0.10150	127	698.3	3.2	8.612	143	0.11838	160
7200	0.30525	539	0.28247	42	0.10277	128	695.1	3.3	8.755	144	0.11998	160
7300	0.31064	543	0.28289	42	0.10405	128	691.8	3.2	8.899	145	0.12158	161
7400	0.31607	546	0.28331	42	0.10533	128	688.6	3.2	9.044	146	0.12318	161
7500	0.32153	550	0.28373	42	0.10661	128	685.4	3.2	9.190	146	0.12479	162
7600	0.32703	553	0.28415	41	0.10789	127	682.2	3.2	9.336	147	0.12641	162
7700	0.33256	557	0.28456	42	0.10916	128	679.0	3.2	9.483	148	0.12803	163
7800	0.33813	561	0.28498	42	0.11044	128	675.8	3.2	9.631	148	0.12966	163
7900	0.34374	565	0.28540	42	0.11172	128	672.6	3.1	9.779	149	0.13129	162
8000	0.34939	568	0.28582	42	0.11300	128	669.5	3.1	9.928	150	0.13291	162
8100	0.35507	572	0.28624	42	0.11428	128	666.4	3.1	10.078	150	0.13453	161
8200	0.36079	576	0.28666	42	0.11556	128	663.3	3.1	10.228	151	0.13614	161
8300	0.36655	580	0.28708	42	0.11684	128	660.2	3.1	10.379	152	0.13775	161
8400	0.37235	584	0.28750	42	0.11812	128	657.1	3.1	10.531	152	0.13936	162
8500	0.37819	588	0.28792	42	0.11940	128	654.0	3.0	10.683	153	0.14098	162
8600	0.38407	592	0.28834	42	0.12068	128	651.0	3.1	10.836	154	0.14260	162
8700	0.38999	595	0.28876	43	0.12196	129	647.9	3.0	10.990	155	0.14422	162
8800	0.39594	600	0.28919	42	0.12325	128	644.9	3.0	11.145	156	0.14584	162
8900	0.40194	603	0.28961	42	0.12453	128	641.9	3.0	11.301	156	0.14746	162
9000	0.40797	608	0.29003	42	0.12581	128	638.9	3.0	11.457	157	0.14908	162
9100	0.41405	612	0.29045	43	0.12709	128	635.9	3.0	11.614	158	0.15070	162
9200	0.42017	616	0.29088	42	0.12837	129	632.9	2.9	11.772	158	0.15232	162
9300	0.42633	620	0.29130	43	0.12966	128	630.0	2.9	11.930	159	0.15394	163
9400	0.43253	624	0.29173	43	0.13094	128	627.1	3.0	12.089	160	0.15557	163
9500	0.43877	628	0.29216	42	0.13222	129	624.1	2.9	12.249	160	0.15720	163
9600	0.44505	633	0.29258	43	0.13351	128	621.2	2.9	12.409	161	0.15883	163
9700	0.45138	636	0.29301	43	0.13479	128	618.3	2.9	12.570	162	0.16046	163
9800	0.45774	641	0.29344	42	0.13607	129	615.4	2.8	12.732	163	0.16209	163
9900	0.46415	646	0.29386	43	0.13736	128	612.6	2.9	12.895	164	0.16372	163
10000	0.47061	651	0.29429	43	0.13864	128	609.7	2.8	13.059	165	0.16535	163

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TABLE II. *V=1,000 f. s.*—Continued.

$z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*w*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.47061	651	0.29428	43	0.13864	128	609.7	2.8	13.059	165	0.16535	163
10100	0.47712	653	0.29471	43	0.13992	129	606.9	2.8	13.224	165	0.16698	164
10200	0.48365	658	0.29514	43	0.14121	128	604.1	2.8	13.389	166	0.16862	164
10300	0.49023	663	0.29557	43	0.14249	129	601.3	2.9	13.555	167	0.17026	164
10400	0.49686	668	0.29600	44	0.14378	128	598.4	2.8	13.722	167	0.17189	164
10500	0.50354	672	0.29644	43	0.14506	128	595.6	2.8	13.889	168	0.17353	164
10600	0.51026	677	0.29687	43	0.14634	129	592.8	2.7	14.057	169	0.17517	164
10700	0.51703	681	0.29730	43	0.14763	128	590.1	2.7	14.226	170	0.17681	165
10800	0.52384	686	0.29773	44	0.14891	129	587.4	2.8	14.396	171	0.17846	164
10900	0.53070	690	0.29817	43	0.15020	128	584.6	2.7	14.567	171	0.18010	165
11000	0.53760	694	0.29860	44	0.15148	128	581.9	2.7	14.738	172	0.18175	165
11100	0.54454	700	0.29904	43	0.15276	129	579.2	2.7	14.910	173	0.18340	165
11200	0.55154	704	0.29947	44	0.15405	128	576.5	2.7	15.083	174	0.18505	165
11300	0.55858	709	0.29991	43	0.15533	128	573.8	2.7	15.257	175	0.18670	165
11400	0.56567	715	0.30034	44	0.15661	129	571.1	2.6	15.432	175	0.18835	166
11500	0.57282	719	0.30078	44	0.15790	128	568.5	2.7	15.607	177	0.19001	166
11600	0.58001	724	0.30122	44	0.15918	128	565.8	2.6	15.784	177	0.19167	165
11700	0.58725	729	0.30166	43	0.16046	128	563.2	2.7	15.961	178	0.19332	166
11800	0.59454	735	0.30209	44	0.16174	129	560.5	2.6	16.139	179	0.19498	167
11900	0.60189	739	0.30253	44	0.16303	128	557.9	2.6	16.318	180	0.19665	167
12000	0.60928	743	0.30297	44	0.16431	128	555.3	2.6	16.498	181	0.19831	166
12100	0.61671	749	0.30341	44	0.16559	129	552.7	2.6	16.679	181	0.19997	167
12200	0.62420	754	0.30385	44	0.16687	128	550.1	2.5	16.860	182	0.20164	167
12300	0.63174	758	0.30429	44	0.16816	128	547.6	2.6	17.042	183	0.20331	167
12400	0.63932	765	0.30473	44	0.16944	128	545.0	2.5	17.225	185	0.20498	167
12500	0.64697	769	0.30517	45	0.17072	128	542.5	2.6	17.410	184	0.20665	167
12600	0.65466	775	0.30562	44	0.17200	128	539.9	2.5	17.594	186	0.20832	168
12700	0.66241	780	0.30606	44	0.17328	129	537.4	2.5	17.780	186	0.21000	168
12800	0.67021	785	0.30650	45	0.17457	128	534.9	2.5	17.966	188	0.21168	168
12900	0.67806	790	0.30695	44	0.17585	128	532.4	2.5	18.154	188	0.21336	168
13000	0.68596	796	0.30739	45	0.17713	128	529.9	2.5	18.342	189	0.21504	168
13100	0.69392	802	0.30784	44	0.17841	128	527.4	2.4	18.531	190	0.21672	169
13200	0.70194	807	0.30828	45	0.17969	128	525.0	2.5	18.721	190	0.21841	169
13300	0.71001	813	0.30873	45	0.18097	128	522.5	2.4	18.911	192	0.22010	168
13400	0.71814	818	0.30918	44	0.18225	128	520.1	2.4	19.103	193	0.22178	170
13500	0.72632	824	0.30962	45	0.18353	127	517.7	2.5	19.296	193	0.22348	169
13600	0.73456	830	0.31007	45	0.18480	128	515.2	2.4	19.489	195	0.22517	169
13700	0.74286	835	0.31052	45	0.18608	128	512.8	2.3	19.684	195	0.22686	170
13800	0.75121	841	0.31097	45	0.18736	128	510.5	2.4	19.879	197	0.22856	170
13900	0.75962	847	0.31142	45	0.18864	128	508.1	2.4	20.076	197	0.23026	170
14000	0.76809	852	0.31187	45	0.18992	128	505.7	2.4	20.273	198	0.23196	170
14100	0.77661	858	0.31232	46	0.19120	127	503.3	2.3	20.471	199	0.23366	171
14200	0.78519	864	0.31278	45	0.19247	128	501.0	2.3	20.670	200	0.23537	171
14300	0.79383	870	0.31323	45	0.19375	127	498.7	2.4	20.870	201	0.23708	170
14400	0.80253	877	0.31368	46	0.19502	128	496.3	2.3	21.071	202	0.23878	172
14500	0.81130	882	0.31414	45	0.19630	128	494.0	2.3	21.273	203	0.24050	171
14600	0.82012	889	0.31459	45	0.19758	127	491.7	2.3	21.476	204	0.24221	171
14700	0.82901	894	0.31504	46	0.19885	128	489.4	2.3	21.680	204	0.24392	172
14800	0.83795	901	0.31550	45	0.20013	127	487.1	2.2	21.884	206	0.24564	172
14900	0.84696	906	0.31595	46	0.20140	128	484.9	2.3	22.090	207	0.24736	172
15000	0.85602	913	0.31641	46	0.20268	127	482.6	2.2	22.297	208	0.24908	172

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TABLE II. $V=1{,}000$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T''*	Δ	*log Q*	Δ
15000	0.85602	913	0.31641	46	0.20268	127	482.6	2.2	22.297	208	0.24908	172
15100	0.86515	919	0.31687	46	0.20395	127	480.4	2.3	22.505	208	0.25080	173
15200	0.87434	926	0.31733	45	0.20522	127	478.1	2.2	22.713	210	0.25253	173
15300	0.88360	932	0.31778	46	0.20649	127	475.9	2.2	22.923	211	0.25426	173
15400	0.89292	939	0.31824	46	0.20776	127	473.7	2.2	23.134	212	0.25599	173
15500	0.90231	948	0.31870	46	0.20903	127	471.5	2.2	23.346	212	0.25772	173
15600	0.91177	952	0.31916	46	0.21030	127	469.3	2.2	23.558	214	0.25945	173
15700	0.92129	958	0.31962	46	0.21157	127	467.1	2.2	23.772	215	0.26118	174
15800	0.93087	965	0.32008	46	0.21284	127	464.9	2.1	23.987	215	0.26292	174
15900	0.94052	972	0.32054	46	0.21411	127	462.8	2.2	24.202	217	0.26466	174
16000	0.95024	978	0.32100	46	0.21538	127	460.6	2.1	24.419	218	0.26640	174
16100	0.96002	985	0.32146	47	0.21665	127	458.5	2.2	24.637	218	0.26814	175
16200	0.96987	993	0.32193	46	0.21792	126	456.3	2.1	24.855	220	0.26989	175
16300	0.97980	999	0.32239	46	0.21918	127	454.2	2.1	25.075	220	0.27164	175
16400	0.98979	1006	0.32285	47	0.22045	126	452.1	2.1	25.295	222	0.27339	175
16500	0.99985	1014	0.32332	46	0.22171	127	450.0	2.1	25.517	223	0.27514	175
16600	1.00999	1020	0.32378	46	0.22298	126	447.9	2.1	25.740	224	0.27689	176
16700	1.02019	1028	0.32424	47	0.22424	127	445.8	2.1	25.964	225	0.27865	176
16800	1.03047	1034	0.32471	46	0.22551	126	443.7	2.0	26.189	226	0.28041	176
16900	1.04081	1042	0.32517	47	0.22677	127	441.7	2.1	26.415	227	0.28217	176
17000	1.05123	1049	0.32564	47	0.22804	126	439.6	2.0	26.642	228	0.28393	176
17100	1.06172	1056	0.32611	47	0.22930	126	437.6	2.1	26.870	229	0.28569	177
17200	1.07228	1065	0.32658	46	0.23056	126	435.5	2.0	27.099	230	0.28746	177
17300	1.08293	1071	0.32704	47	0.23182	126	433.5	2.0	27.329	231	0.28923	177
17400	1.09364	1080	0.32751	47	0.23308	126	431.5	2.0	27.560	233	0.29100	177
17500	1.10444	1086	0.32798	47	0.23434	126	429.5	2.1	27.793	233	0.29277	178
17600	1.11530	1094	0.32845	47	0.23560	126	427.4	2.0	28.026	235	0.29455	178
17700	1.12624	1102	0.32892	46	0.23686	126	425.4	1.9	28.261	235	0.29633	178
17800	1.13726	1109	0.32938	47	0.23812	126	423.5	2.0	28.496	237	0.29811	178
17900	1.14835	1117	0.32985	47	0.23938	126	421.5	2.0	28.733	238	0.29989	179
18000	1.15952	1124	0.33032	47	0.24064	125	419.5	2.0	28.971	239	0.30168	179
18100	1.17076	1132	0.33079	47	0.24189	125	417.5	1.9	29.210	240	0.30347	179
18200	1.18208	1141	0.33126	47	0.24314	125	415.6	1.9	29.450	241	0.30526	179
18300	1.19349	1149	0.33175	47	0.24439	126	413.7	2.0	29.691	242	0.30705	179
18400	1.20498	1157	0.33220	47	0.24565	125	411.7	1.9	29.933	244	0.30884	180
18500	1.21655	1164	0.33267	47	0.24690	125	409.8	1.9	30.177	245	0.31064	180
18600	1.22819	1174	0.33314	47	0.24815	125	407.9	1.9	30.422	245	0.31244	180
18700	1.23993	1181	0.33361	48	0.24940	126	406.0	1.9	30.667	457	0.31424	180
18800	1.25174	1189	0.33409	47	0.25066	125	404.1	1.9	30.914	249	0.31604	181
18900	1.26363	1198	0.33466	47	0.25191	126	402.2	1.9	31.163	249	0.31785	181
19000	1.27561	1207	0.33503	47	0.25317	124	400.3	1.9	31.412	250	0.31966	181
19100	1.28768	1214	0.33550	48	0.25441	125	398.4	1.8	31.662	252	0.32147	181
19200	1.29984	1224	0.33598	47	0.25566	124	396.6	1.9	31.914	253	0.32328	181
19300	1.31208	1233	0.33645	48	0.25690	124	394.7	1.8	32.167	254	0.32509	182
19400	1.32441	1243	0.33693	47	0.25814	125	392.9	1.8	32.421	255	0.32691	182
19500	1.33684	1251	0.33740	48	0.25939	125	391.1	1.9	32.676	256	0.32873	182
19600	1.34935	1260	0.33788	47	0.26064	124	389.2	1.8	32.932	258	0.33055	182
19700	1.36195	1268	0.33835	48	0.26188	125	387.4	1.8	33.190	259	0.33237	183
19800	1.37463	1278	0.33883	47	0.26313	125	385.6	1.8	33.449	260	0.33420	183
19900	1.38741	1286	0.33930	48	0.26438	125	383.8	1.8	33.709	261	0.33603	183
20000	1.40027	1295	0.33978	47	0.26563	125	382.0	1.8	33.970	262	0.33786	183

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TABLE II. *V=1,050 f. s.*—Continued.

$z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
0	0.00000	293	0.25000	66	0.00000	213	1050.0	7.6	0.000	95	0.00000	210
100	0.00293	296	0.25066	64	0.00213	208	1042.4	7.4	0.095	96	0.00210	209
200	0.00589	299	0.25130	63	0.00421	203	1035.0	7.2	0.191	97	0.00419	207
300	0.00888	301	0.25193	62	0.00624	197	1027.8	6.9	0.288	97	0.00626	206
400	0.01189	305	0.25255	61	0.00821	193	1020.9	6.8	0.385	98	0.00832	204
500	0.01494	307	0.25316	59	0.01014	189	1014.1	6.6	0.483	99	0.01036	203
600	0.01801	310	0.25375	58	0.01203	185	1007.5	6.5	0.582	100	0.01239	202
700	0.02111	313	0.25433	57	0.01388	180	1001.0	6.2	0.682	101	0.01441	200
800	0.02424	315	0.25490	56	0.01568	177	994.8	6.2	0.783	101	0.01641	198
900	0.02739	318	0.25546	54	0.01745	173	988.6	6.0	0.884	102	0.01839	196
1000	0.03057	321	0.25600	51	0.01918	170	982.6	5.8	0.985	103	0.02035	195
1100	0.03378	324	0.25651	50	0.02088	166	976.8	5.7	1.089	104	0.02230	193
1200	0.03702	326	0.25701	49	0.02254	164	971.1	5.6	1.193	104	0.02423	192
1300	0.04028	329	0.25750	49	0.02418	162	965.5	5.5	1.297	105	0.02615	191
1400	0.04357	331	0.25799	48	0.02580	161	960.0	5.4	1.402	105	0.02806	190
1500	0.04688	335	0.25847	47	0.02741	159	954.6	5.4	1.507	106	0.02996	188
1600	0.05023	337	0.25894	46	0.02900	158	949.2	5.3	1.613	106	0.03184	187
1700	0.05360	340	0.25940	46	0.03058	157	943.9	5.3	1.719	107	0.03371	186
1800	0.05700	342	0.25986	45	0.03215	155	938.6	5.1	1.826	107	0.03557	185
1900	0.06042	344	0.26031	44	0.03370	154	933.5	5.2	1.933	108	0.03742	184
2000	0.06386	347	0.26075	45	0.03524	154	928.3	5.1	2.041	108	0.03926	183
2100	0.06733	351	0.26120	45	0.03678	153	923.2	5.0	2.149	109	0.04109	183
2200	0.07084	353	0.26165	46	0.03831	152	918.2	5.0	2.258	109	0.04292	182
2300	0.07437	357	0.26211	45	0.03983	152	913.2	4.9	2.367	110	0.04474	181
2400	0.07794	358	0.26256	45	0.04135	150	908.3	4.9	2.477	110	0.04655	181
2500	0.08152	361	0.26301	45	0.04285	149	903.4	4.8	2.587	111	0.04836	180
2600	0.08513	364	0.26346	45	0.04434	048	898.6	4.8	2.698	112	0.05016	179
2700	0.08877	367	0.26391	44	0.04582	147	893.8	4.7	2.810	112	0.05195	179
2800	0.09244	369	0.26435	45	0.04729	148	889.1	4.7	2.922	113	0.05374	178
2900	0.09613	372	0.26480	46	0.04877	147	884.4	4.6	3.035	113	0.05552	177
3000	0.09985	375	0.26526	46	0.05024	146	879.8	4.6	3.148	114	0.05729	177
3100	0.10360	378	0.26572	46	0.05170	145	875.2	4.5	3.262	115	0.05906	177
3200	0.10738	381	0.26618	47	0.05315	145	870.7	4.4	3.377	115	0.06083	177
3300	0.11119	383	0.26665	47	0.05460	144	866.3	4.5	3.492	116	0.06260	176
3400	0.11502	387	0.26712	47	0.05604	143	861.8	4.4	3.608	116	0.06436	176
3500	0.11889	389	0.26759	47	0.05747	142	857.4	4.3	3.724	117	0.06612	175
3600	0.12278	392	0.26806	47	0.05889	141	853.1	4.3	3.841	118	0.06787	176
3700	0.12670	395	0.26853	47	0.06030	141	848.8	4.2	3.959	118	0.06963	175
3800	0.13065	397	0.26900	48	0.06171	140	844.6	4.2	4.077	119	0.07138	175
3900	0.13462	401	0.26948	47	0.06311	139	840.4	4.2	4.196	119	0.07313	173
4000	0.13863	403	0.26995	47	0.06450	138	836.2	4.1	4.315	120	0.07486	174
4100	0.14266	407	0.27042	48	0.06588	136	832.1	4.1	4.435	121	0.07660	173
4200	0.14673	409	0.27090	48	0.06726	137	828.0	4.1	4.556	121	0.07833	173
4300	0.15082	412	0.27138	47	0.06863	136	823.9	4.0	4.677	122	0.08006	172
4400	0.15494	415	0.27185	46	0.06999	136	819.9	3.9	4.799	122	0.08178	173
4500	0.15909	419	0.27231	47	0.07135	135	816.0	4.0	4.921	123	0.08351	172
4600	0.16328	421	0.27278	46	0.07270	134	812.0	3.9	5.044	123	0.08523	172
4700	0.16749	424	0.27324	47	0.07404	134	808.1	3.9	5.167	124	0.08695	172
4800	0.17173	427	0.27371	45	0.07538	133	804.2	3.8	5.291	124	0.08867	171
4900	0.17600	430	0.27416	45	0.07671	132	800.4	3.8	5.415	125	0.09038	171
5000	0.18030	433	0.27461	45	0.07803	131	796.6	3.8	5.540	125	0.09209	171

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TABLE II. *V=1,050 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.18030	433	0.27461	45	0.07803	131	796.6	3.8	5.540	125	0.09209	171
5100	0.18463	436	0.27506	45	0.07934	131	792.8	3.7	5.665	126	0.09380	170
5200	0.18899	439	0.27549	43	0.08065	130	789.1	3.7	5.791	127	0.09550	171
5300	0.19338	443	0.27592	43	0.08195	130	785.4	3.7	5.918	127	0.09721	171
5400	0.19781	445	0.27635	43	0.08325	129	781.7	3.6	6.045	127	0.09892	170
5500	0.20226	448	0.27678	42	0.08454	128	778.1	3.7	6.172	128	0.10062	169
5600	0.20674	452	0.27720	42	0.08582	128	774.4	3.6	6.300	129	0.10231	169
5700	0.21126	455	0.27762	42	0.08710	127	770.8	3.6	6.429	129	0.10400	169
5800	0.21581	457	0.27804	42	0.08837	126	767.2	3.5	6.558	129	0.10569	169
5900	0.22038	461	0.27846	41	0.08963	126	763.7	3.5	6.687	130	0.10738	168
6000	0.22499	464	0.27887	42	0.09089	126	760.2	3.6	6.817	132	0.10906	168
6100	0.22963	467	0.27929	41	0.09215	125	756.6	3.5	6.949	132	0.11074	169
6200	0.23430	470	0.27970	42	0.09340	126	753.1	3.5	7.081	134	0.11243	169
6300	0.23900	474	0.28012	42	0.09466	125	749.6	3.5	7.215	134	0.11412	168
6400	0.24374	477	0.28054	41	0.09591	126	746.1	3.5	7.349	134	0.11580	168
6500	0.24851	480	0.28095	42	0.09717	126	742.6	3.5	7.483	135	0.11748	168
6600	0.25331	483	0.28137	42	0.09843	125	739.1	3.6	7.618	136	0.11916	167
6700	0.25814	486	0.28179	41	0.09968	126	735.7	3.5	7.754	136	0.12083	167
6800	0.26300	489	0.28220	42	0.10094	125	732.2	3.4	7.890	137	0.12250	167
6900	0.26789	493	0.28262	42	0.10219	126	728.8	3.4	8.027	137	0.12417	167
7000	0.27282	496	0.28304	42	0.10345	126	725.4	3.4	8.164	138	0.12584	167
7100	0.27778	499	0.28346	41	0.10471	125	722.0	3.3	8.302	139	0.12751	166
7200	0.28277	503	0.28387	42	0.10596	126	718.7	3.4	8.441	139	0.12917	167
7300	0.28780	506	0.28429	42	0.10722	125	715.3	3.3	8.580	140	0.13084	167
7400	0.29286	510	0.28471	42	0.10847	126	712.0	3.3	8.720	141	0.13251	167
7500	0.29796	513	0.28513	42	0.10973	126	708.7	3.3	8.861	142	0.13418	166
7600	0.30309	517	0.28555	42	0.11099	125	705.4	3.3	9.003	142	0.13584	166
7700	0.30826	520	0.28597	42	0.11224	126	702.1	3.3	9.145	143	0.13750	166
7800	0.31346	524	0.28639	42	0.11350	125	698.8	3.3	9.288	143	0.13916	167
7900	0.31870	527	0.28681	42	0.11475	126	695.6	3.2	9.431	144	0.14083	166
8000	0.32397	531	0.28723	43	0.11601	126	692.3	3.2	9.575	145	0.14245	166
8100	0.32928	534	0.28766	42	0.11727	125	689.1	3.2	9.720	145	0.14415	166
8200	0.33462	538	0.28808	43	0.11852	126	685.9	3.2	9.865	146	0.14581	166
8300	0.34000	542	0.28851	43	0.11978	125	682.7	3.2	10.011	147	0.14747	166
8400	0.34542	545	0.28894	42	0.12103	126	679.5	3.2	10.158	148	0.14913	166
8500	0.35087	549	0.28936	43	0.12229	126	676.3	3.1	10.306	148	0.15079	166
8600	0.35636	553	0.28979	42	0.12355	125	673.2	3.2	10.454	149	0.15245	166
8700	0.36189	556	0.29021	43	0.12480	126	670.0	3.1	10.603	150	0.15411	167
8800	0.36745	560	0.29064	43	0.12606	125	666.9	3.1	10.753	150	0.15578	166
8900	0.37305	564	0.29107	42	0.12731	126	663.8	3.1	10.903	151	0.15744	166
9000	0.37869	568	0.29149	43	0.12857	126	660.7	3.1	11.054	152	0.15910	166
9100	0.38437	571	0.29192	42	0.12983	125	657.6	3.1	11.206	152	0.16076	166
9200	0.39008	575	0.29234	43	0.13108	126	654.5	3.0	11.358	153	0.16242	166
9300	0.39583	580	0.29277	42	0.13234	125	651.5	3.0	11.511	154	0.16408	167
9400	0.40163	583	0.29319	43	0.13359	126	648.5	3.1	11.665	155	0.16575	166
9500	0.40746	587	0.29362	42	0.13485	126	645.4	3.0	11.820	155	0.16741	166
9600	0.41333	591	0.29404	42	0.13611	125	642.4	3.0	11.975	156	0.16907	167
9700	0.41924	595	0.29446	43	0.13736	126	639.4	3.0	12.131	157	0.17074	167
9800	0.42519	598	0.29489	42	0.13862	125	636.4	2.9	12.288	158	0.17241	166
9900	0.43117	603	0.29531	42	0.13987	126	633.5	3.0	12.446	158	0.17407	167
10000	0.43720	607	0.29573	42	0.14113	126	630.5	2.9	12.604	159	0.17574	167

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TABLE II. *V=1,050 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.43720	607	0.29572	42	0.14113	126	630.5	29	12.604	159	0.17574	167
10100	0.44327	611	0.29614	42	0.14239	126	627.6	30	12.763	160	0.17741	167
10200	0.44938	615	0.29656	42	0.14365	126	624.6	29	12.923	161	0.17908	167
10300	0.45553	620	0.29698	42	0.14491	126	621.7	29	13.084	161	0.18075	167
10400	0.46173	624	0.29740	42	0.14617	126	618.8	29	13.245	162	0.18242	167
10500	0.46797	628	0.29782	42	0.14743	126	615.9	28	13.407	162	0.18409	168
10600	0.47425	632	0.29824	42	0.14869	126	613.1	29	13.569	163	0.18577	167
10700	0.48057	637	0.29866	42	0.14995	127	610.2	29	13.732	164	0.18744	168
10800	0.48694	641	0.29908	42	0.15122	126	607.3	28	13.896	165	0.18912	167
10900	0.49335	645	0.29950	42	0.15248	126	604.5	28	14.061	166	0.19079	168
11000	0.49980	650	0.29992	42	0.15374	126	601.7	28	14.227	167	0.19247	168
11100	0.50630	654	0.30034	42	0.15500	126	598.9	28	14.394	167	0.19415	168
11200	0.51284	658	0.30076	42	0.15626	126	596.1	28	14.561	168	0.19583	168
11300	0.51942	663	0.30118	42	0.15752	126	593.3	28	14.729	169	0.19751	168
11400	0.52605	668	0.30160	42	0.15878	127	590.5	27	14.898	170	0.19919	169
11500	0.53273	673	0.30203	43	0.16005	126	587.8	28	15.068	171	0.20088	168
11600	0.53946	677	0.30245	42	0.16131	126	585.0	27	15.239	171	0.20256	169
11700	0.54623	681	0.30288	42	0.16257	126	582.3	27	15.410	172	0.20425	168
11800	0.55304	686	0.30330	43	0.16383	126	579.6	27	15.582	172	0.20593	169
11900	0.55990	691	0.30373	43	0.16509	126	576.9	27	15.754	174	0.20762	169
12000	0.56681	695	0.30416	43	0.16635	126	574.2	27	15.928	175	0.20931	169
12100	0.57376	700	0.30459	43	0.16761	126	571.5	26	16.103	176	0.21100	170
12200	0.58076	705	0.30502	43	0.16887	126	568.9	27	16.278	176	0.21270	169
12300	0.58781	710	0.30545	44	0.17013	126	566.2	26	16.454	177	0.21439	170
12400	0.59491	715	0.30589	43	0.17139	127	563.6	27	16.631	178	0.21609	169
12500	0.60206	719	0.30632	43	0.17266	126	560.9	26	16.809	179	0.21778	170
12600	0.60925	724	0.30675	44	0.17392	126	558.3	26	16.988	180	0.21948	170
12700	0.61649	729	0.30719	44	0.17518	126	555.7	26	17.168	180	0.22118	170
12800	0.62378	734	0.30763	43	0.17644	126	553.1	26	17.348	181	0.22288	171
12900	0.63112	739	0.30806	44	0.17770	126	550.5	25	17.529	182	0.22459	170
13000	0.63851	744	0.30850	44	0.17896	126	548.0	26	17.711	183	0.22629	171
13100	0.64595	748	0.30894	44	0.18022	126	545.4	25	17.894	184	0.22800	170
13200	0.65343	754	0.30938	44	0.18148	126	542.9	26	18.078	185	0.22970	171
13300	0.66097	759	0.30982	44	0.18274	126	540.3	25	18.263	186	0.23141	171
13400	0.66856	765	0.31026	44	0.18400	127	537.8	25	18.449	186	0.23312	171
13500	0.67621	770	0.31070	44	0.18527	126	535.3	25	18.635	187	0.23483	172
13600	0.68391	776	0.31114	45	0.18653	126	532.8	25	18.822	188	0.23655	171
13700	0.69167	780	0.31159	44	0.18779	126	530.3	24	19.010	188	0.23826	172
13800	0.69947	786	0.31203	45	0.18905	126	527.9	25	19.198	190	0.23998	171
13900	0.70733	791	0.31248	44	0.19031	126	525.4	25	19.388	191	0.24169	172
14000	0.71524	797	0.31292	45	0.19157	126	522.9	24	19.579	192	0.24341	172
14100	0.72321	803	0.31337	45	0.19283	126	520.5	24	19.771	193	0.24513	172
14200	0.73124	809	0.31382	44	0.19409	126	518.1	24	19.964	194	0.24685	173
14300	0.73933	814	0.31426	45	0.19536	127	515.7	24	20.158	194	0.24858	173
14400	0.74747	820	0.31471	45	0.19662	126	513.3	24	20.352	195	0.25031	172
14500	0.75567	826	0.31516	45	0.19788	126	510.9	24	20.547	196	0.25203	173
14600	0.76393	831	0.31561	45	0.19914	126	508.5	24	20.743	197	0.25376	174
14700	0.77224	837	0.31606	44	0.20040	126	506.1	24	20.940	198	0.25550	173
14800	0.78061	842	0.31650	46	0.20167	127	503.7	23	21.138	199	0.25723	173
14900	0.78903	848	0.31696	45	0.20293	126	501.4	24	21.337	200	0.25896	174
15000	0.79751	853	0.31741	45	0.20419	126	499.0	23	21.537	201	0.26070	174

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TABLE II. *V=1,050 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.79751	853	0.31741	45	0.20419	126	499.0	23	21.537	201	0.26070	174
15100	0.80604	860	0.31786	45	0.20545	126	496.7	23	21.738	202	0.26244	174
15200	0.81464	865	0.31831	45	0.20671	126	494.4	23	21.940	202	0.26418	174
15300	0.82329	871	0.31876	46	0.20797	126	492.1	23	22.142	203	0.26592	174
15400	0.83200	878	0.31922	45	0.20923	126	489.8	23	22.345	205	0.26766	175
15500	0.84078	884	0.31967	45	0.21049	126	487.5	23	22.550	206	0.26941	175
15600	0.84962	890	0.32012	46	0.21175	126	485.2	22	22.756	206	0.27116	175
15700	0.85852	896	0.32058	45	0.21301	127	483.0	23	22.962	206	0.27291	175
15800	0.86748	902	0.32103	45	0.21428	126	480.7	22	23.170	208	0.27466	175
15900	0.87650	908	0.32148	46	0.21554	126	478.5	22	23.378	210	0.27641	176
16000	0.88558	914	0.32194	46	0.21680	126	476.3	23	23.588	211	0.27817	176
16100	0.89472	921	0.32240	46	0.21806	126	474.0	22	23.799	211	0.27993	176
16200	0.90393	927	0.32286	45	0.21932	125	471.8	22	24.010	211	0.28169	176
16300	0.91320	934	0.32331	46	0.22057	126	469.6	22	24.223	213	0.28345	176
16400	0.92254	941	0.32377	46	0.22183	126	467.4	22	24.436	215	0.28521	177
16500	0.93195	948	0.32423	46	0.22309	125	465.2	21	24.651	216	0.28698	177
16600	0.94143	954	0.32469	46	0.22434	126	463.1	22	24.867	216	0.28875	177
16700	0.95097	961	0.32515	46	0.22560	126	460.9	21	25.083	218	0.29052	177
16800	0.96058	967	0.32561	46	0.22686	126	458.8	21	25.301	218	0.29229	177
16900	0.97025	974	0.32607	46	0.22812	126	456.6	22	25.519	220	0.29406	178
17000	0.97999	981	0.32653	46	0.22938	125	454.5	21	25.739	220	0.29584	178
17100	0 98980	987	0.32699	46	0.23063	125	452.4	21	25.959	222	0.29762	178
17200	0.99967	995	0.32745	47	0.23188	126	450.3	21	26.181	222	0.29940	178
17300	1.00962	1002	0.32792	46	0.23314	125	448.2	21	26.403	224	0.30118	178
17400	1.01964	1009	0.32838	46	0.23439	125	446.1	21	26.627	225	0.30296	179
17500	1.02973	1016	0.32884	47	0.23564	126	444.0	21	26.852	225	0.30475	179
17600	1.03988	1023	0.32931	46	0.23690	125	441.9	21	27.077	227	0.30654	179
17700	1.05011	1031	0.32977	46	0.23815	126	439.8	20	27.304	228	0.30833	179
17800	1.06042	1037	0.33023	47	0.23941	125	437.8	20	27.532	229	0.31012	179
17900	1.07079	1044	0.33070	46	0.24066	125	435.8	21	27.761	230	0.31191	180
18000	1.08123	1052	0.33116	46	0.24191	125	433.7	20	27.991	231	0.31371	180
18100	1.09175	1059	0.33162	47	0.24316	125	431.7	20	28.222	232	0.31551	180
18200	1.10234	1067	0.33209	46	0.24441	124	429.7	20	28.454	233	0.31731	180
18300	1.11301	1075	0.33255	47	0.24565	125	427.7	20	28.687	234	0.31911	180
18400	1.12376	1082	0.33302	46	0.24690	125	425.7	20	28.921	234	0.32091	181
18500	1.13458	1090	0.33348	47	0.24815	125	423.7	20	29.157	236	0.32272	180
18600	1.14548	1097	0.33395	46	0.24940	125	421.7	20	29.393	238	0.32452	181
18700	1.15645	1105	0.33441	47	0.25065	125	419.7	19	29.631	239	0.32633	182
18800	1.16750	1113	0.33488	46	0.25190	126	417.8	19	29.870	240	0.32815	181
18900	1.17863	1120	0.33534	47	0.25316	125	415.9	20	30.110	241	0.32996	182
19000	1.18983	1129	0.33581	47	0.25441	123	413.9	19	30.351	242	0.33178	182
19100	1.20112	1138	0.33628	46	0.25564	123	412.0	19	30.593	243	0.33360	182
19200	1.21250	1145	0.33674	47	0.25687	123	410.1	19	30.836	244	0.33542	182
19300	1.22395	1153	0.33721	46	0.25810	123	408.2	19	31.080	246	0.33724	183
19400	1.23548	1162	0.33767	47	0.25933	124	406.3	19	31.326	247	0.33907	183
19500	1.24710	1169	0.33814	47	0.26057	124	404.4	19	31.573	248	0.34090	183
19600	1.25879	1177	0.33861	47	0.26181	124	402.5	19	31.821	249	0.34273	184
19700	1.27056	1185	0.33908	46	0.26305	124	400.6	19	32.070	250	0.34457	184
19800	1.28241	1194	0.33954	47	0.26429	124	398.7	18	32.320	251	0.34641	184
19900	1.29435	1201	0.34001	47	0.26553	125	396.9	19	32.571	254	0.34825	184
20000	1.30636	1209	0.34048	47	0.26678	125	395.0	18	32.825	256	0.35009	185

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TABLE II. $V=1{,}100\ f.\ s.$ Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	267	0.25000	78	0.00000	249	1100.0	9.1	0.000	91	0.00000	241
100	0.00267	270	0.25078	75	0.00249	239	1090.9	8.9	0.091	92	0.00241	239
200	0.00537	273	0.25153	74	0.00488	231	1082.0	8.5	0.183	93	0.00480	237
300	0.00810	276	0.25227	73	0.00719	224	1073.5	8.3	0.276	94	0.00717	235
400	0.01086	279	0.25300	71	0.00943	217	1065.2	8.0	0.370	94	0.00952	234
500	0.01365	282	0.25371	69	0.01160	210	1057.2	7.8	0.464	95	0.01186	231
600	0.01647	285	0.25440	67	0.01370	206	1049.4	7.6	0.559	95	0.01417	230
700	0.01932	288	0.25507	66	0.01576	203	1041.8	7.4	0.654	97	0.01647	228
800	0.02220	290	0.25573	64	0.01779	199	1034.4	7.1	0.751	97	0.01875	226
900	0.02510	294	0.25637	64	0.01978	195	1027.3	7.0	0.848	98	0.02101	224
1000	0.02804	296	0.25699	59	0.02173	192	1020.3	6.8	0.946	98	0.02325	222
1100	0.03100	300	0.25758	57	0.02365	187	1013.5	6.6	1.044	99	0.02547	219
1200	0.03400	302	0.25815	56	0.02552	183	1006.9	6.4	1.143	100	0.02766	218
1300	0.03702	304	0.25871	55	0.02735	178	1000.5	6.3	1.243	100	0.02984	217
1400	0.04006	307	0.25926	54	0.02913	175	994.2	6.1	1.343	101	0.03201	215
1500	0.04313	310	0.25980	52	0.03088	171	988.1	5.9	1.444	101	0.03416	212
1600	0.04623	313	0.26032	52	0.03259	168	982.2	5.9	1.545	102	0.03628	212
1700	0.04936	316	0.26084	51	0.03427	165	976.3	5.6	1.647	103	0.03840	209
1800	0.05252	318	0.26135	49	0.03592	162	970.7	5.6	1.750	103	0.04049	208
1900	0.05570	321	0.26184	48	0.03754	160	965.1	5.5	1.853	104	0.04257	206
2000	0.05891	324	0.26232	48	0.03914	157	959.6	5.4	1.957	105	0.04463	204
2100	0.06215	326	0.26280	48	0.04071	154	954.2	5.4	2.062	105	0.04667	202
2200	0.06541	329	0.26328	48	0.04225	153	948.8	5.3	2.167	106	0.04869	202
2300	0.06870	332	0.26376	47	0.04378	152	943.5	5.3	2.273	106	0.05071	200
2400	0.07202	334	0.26423	47	0.04530	152	938.2	5.2	2.379	107	0.05271	199
2500	0.07536	337	0.26470	46	0.04682	150	933.0	5.1	2.486	107	0.05470	197
2600	0.07873	340	0.26516	46	0.04832	149	927.9	5.1	2.593	108	0.05667	196
2700	0.08213	343	0.26562	46	0.04981	149	922.8	5.0	2.701	109	0.05863	195
2800	0.08556	345	0.26608	46	0.05130	147	917.8	5.0	2.810	109	0.06058	194
2900	0.08901	348	0.26654	46	0.05277	147	912.8	4.9	2.919	110	0.06252	192
3000	0.09249	351	0.26700	47	0.05424	146	907.9	4.9	3.029	110	0.06444	192
3100	0.09600	353	0.26747	47	0.05570	145	903.0	4.8	3.139	111	0.06636	192
3200	0.09953	356	0.26794	46	0.05715	144	898.2	4.7	3.250	112	0.06828	191
3300	0.10309	359	0.26840	47	0.05859	144	893.5	4.7	3.362	112	0.07019	190
3400	0.10668	362	0.26887	46	0.06003	143	888.8	4.7	3.474	113	0.07209	189
3500	0.11030	365	0.26933	47	0.06146	142	884.1	4.6	3.587	113	0.07398	188
3600	0.11395	367	0.26980	46	0.06288	141	879.5	4.6	3.700	114	0.07586	188
3700	0.11762	370	0.27026	47	0.06429	141	874.9	4.5	3.814	115	0.07774	187
3800	0.12132	372	0.27073	46	0.06570	140	870.4	4.5	3.929	115	0.07961	187
3900	0.12504	376	0.27119	46	0.06710	140	865.9	4.4	4.044	116	0.08148	185
4000	0.12880	378	0.27165	47	0.06850	139	861.5	4.4	4.160	116	0.08333	183
4100	0.13258	382	0.27212	46	0.06989	138	857.1	4.4	4.276	117	0.08516	182
4200	0.13640	384	0.27258	46	0.07127	138	852.7	4.3	4.393	118	0.08698	183
4300	0.14024	386	0.27304	46	0.07265	137	848.4	4.2	4.511	118	0.08881	183
4400	0.14410	390	0.27350	46	0.07402	136	844.2	4.2	4.629	119	0.09064	183
4500	0.14800	393	0.27396	46	0.07538	135	840.0	4.2	4.748	119	0.09247	182
4600	0.15193	395	0.27442	46	0.07673	135	835.8	4.1	4.867	120	0.09429	183
4700	0.15588	399	0.27488	45	0.07808	134	831.7	4.1	4.987	121	0.09612	183
4800	0.15987	401	0.27533	46	0.07942	133	827.6	4.0	5.108	121	0.09795	183
4900	0.16388	404	0.27579	45	0.08075	132	823.6	4.0	5.229	122	0.09978	183
5000	0.16792	407	0.27624	45	0.08207	132	819.6	4.0	5.351	122	0.10161	180

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TABLE II. $V=1{,}100$ *f. s.* Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.16792	407	0.27624	45	0.08207	132	819.6	4.0	5.351	122	0.10161	180
5100	0.17199	410	0.27669	45	0.08339	131	815.6	3.9	5.473	123	0.10341	180
5200	0.17609	413	0.27714	45	0.08470	131	811.7	3.9	5.596	123	0.10521	180
5300	0.18022	416	0.27759	44	0.08601	130	807.8	3.8	5.719	124	0.10701	179
5400	0.18438	419	0.27803	44	0.08731	129	804.0	3.8	5.843	125	0.10880	179
5500	0.18857	422	0.27847	44	0.08860	129	800.2	3.8	5.968	125	0.11059	178
5600	0.19279	425	0.27891	44	0.08989	128	796.4	3.8	6.093	126	0.11237	178
5700	0.19704	428	0.27935	44	0.09117	127	792.6	3.7	6.219	127	0.11415	178
5800	0.20132	431	0.27979	43	0.09244	127	788.9	3.7	6.346	127	0.11593	178
5900	0.20563	434	0.28022	43	0.09371	126	785.2	3.7	6.473	128	0.11771	177
6000	0.20997	437	0.28065	42	0.09497	125	781.5	3.6	6.601	128	0.11948	177
6100	0.21434	440	0.28107	41	0.09622	124	777.9	3.7	6.729	129	0.12125	176
6200	0.21874	444	0.28148	42	0.09746	124	774.2	3.6	6.858	129	0.12301	177
6300	0.22318	446	0.28190	41	0.09870	124	770.6	3.6	6.987	130	0.12478	175
6400	0.22764	450	0.28231	42	0.09994	124	767.0	3.6	7.117	131	0.12653	176
6500	0.23214	452	0.28273	42	0.10118	124	763.4	3.5	7.248	131	0.12829	175
6600	0.23666	456	0.28315	41	0.10242	124	759.9	3.6	7.379	132	0.13004	176
6700	0.24122	458	0.28356	42	0.10366	123	756.3	3.5	7.511	133	0.13180	174
6800	0.24580	462	0.28398	41	0.10489	124	752.8	3.5	7.644	133	0.13354	175
6900	0.25042	465	0.28439	42	0.10613	123	749.3	3.5	7.777	134	0.13529	174
7000	0.25507	468	0.28481	42	0.10736	122	745.8	3.5	7.911	134	0.13703	174
7100	0.25975	471	0.28523	41	0.10858	123	742.3	3.5	8.045	135	0.13877	173
7200	0.26446	475	0.28564	42	0.10981	122	738.8	3.4	8.180	136	0.14050	173
7300	0.26921	478	0.28606	41	0.11103	123	735.4	3.4	8.316	136	0.14223	173
7400	0.27399	481	0.28647	42	0.11226	122	732.0	3.5	8.452	137	0.14396	173
7500	0.27880	484	0.28689	41	0.11348	123	728.5	3.4	8.589	138	0.14569	173
7600	0.28364	488	0.28730	42	0.11471	122	725.1	3.3	8.727	138	0.14742	173
7700	0.28852	491	0.28772	41	0.11593	123	721.8	3.4	8.865	139	0.14915	172
7800	0.29343	494	0.28813	42	0.11716	122	718.4	3.4	9.004	139	0.15087	173
7900	0.29837	498	0.28855	41	0.11838	123	715.0	3.3	9.143	140	0.15260	172
8000	0.30335	501	0.28896	41	0.11961	122	711.7	3.3	9.283	141	0.15432	172
8100	0.30836	504	0.28937	42	0.12083	123	708.4	3.3	9.424	142	0.15604	171
8200	0.31340	508	0.28979	41	0.12206	122	705.1	3.3	9.566	142	0.15775	171
8300	0.31848	512	0.29020	42	0.12328	123	701.8	3.3	9.708	143	0.15946	172
8400	0.32360	515	0.29062	41	0.12451	122	698.5	3.2	9.851	143	0.16118	171
8500	0.32875	518	0.29103	41	0.12573	122	695.3	3.3	9.994	144	0.16289	172
8600	0.33393	522	0.29144	42	0.12695	123	692.0	3.2	10.138	145	0.16461	172
8700	0.33915	525	0.29186	41	0.12818	122	688.8	3.2	10.283	146	0.16633	171
8800	0.34440	529	0.29227	42	0.12940	123	685.6	3.2	10.429	146	0.16804	172
8900	0.34969	533	0.29269	41	0.13063	122	682.4	3.2	10.575	147	0.16976	172
9000	0.35502	536	0.29310	41	0.13185	123	679.2	3.2	10.722	147	0.17148	171
9100	0.36038	540	0.29351	42	0.13308	123	676.0	3.1	10.869	148	0.17319	171
9200	0.36578	544	0.29393	41	0.13431	123	672.9	3.2	11.017	149	0.17490	171
9300	0.37122	547	0.29434	41	0.13554	123	669.7	3.1	11.166	150	0.17661	170
9400	0.37669	551	0.29475	42	0.13677	123	666.6	3.1	11.316	151	0.17831	171
9500	0.38220	555	0.29517	41	0.13800	123	663.5	3.1	11.467	151	0.18002	171
9600	0.38775	558	0.29558	41	0.13923	123	660.4	3.1	11.618	152	0.18173	172
9700	0.39333	562	0.29599	42	0.14046	123	657.3	3.0	11.770	152	0.18345	171
9800	0.39895	566	0.29641	41	0.14169	123	654.3	3.1	11.922	153	0.18516	171
9900	0.40461	570	0.29682	42	0.14292	123	651.2	3.0	12.075	154	0.18687	117
10000	0.41031	574	0.29724	41	0.14415	123	648.2	3.0	12.229	154	0.18858	171

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TABLE II. $V=1{,}100$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.41031	574	0.29724	41	0.14415	123	648.2	30	12.229	154	0.18858	171
10100	0.41605	577	0.29765	42	0.14538	124	645.2	30	12.383	156	0.19029	171
10200	0.42182	582	0.29807	41	0.14662	123	642.2	30	12.539	156	0.19200	171
10300	0.42764	586	0.29848	42	0.14785	124	639.2	30	12.695	157	0.19371	171
10400	0.43350	590	0.29890	42	0.14909	123	636.2	30	12.852	158	0.19542	171
10500	0.43940	593	0.29932	41	0.15032	124	633.2	29	13.010	158	0.19713	171
10600	0.44533	598	0.29973	42	0.15156	123	630.3	30	13.168	159	0.19884	171
10700	0.45131	602	0.30015	43	0.15279	124	627.3	29	13.327	159	0.20055	172
10800	0.45733	605	0.30058	42	0.15403	123	624.4	29	13.486	161	0.20227	171
10900	0.46338	610	0.30100	42	0.15526	124	621.5	29	13.647	161	0.20398	171
11000	0.46948	614	0.30142	43	0.15650	124	618.6	29	13.808	162	0.20569	171
11100	0.47562	618	0.30185	43	0.15774	124	615.7	29	13.970	162	0.20740	171
11200	0.48180	622	0.50228	42	0.15898	123	612.8	28	14.132	164	0.20911	172
11300	0.48802	627	0.30270	43	0.16021	124	610.0	29	14.296	164	0.21083	171
11400	0.49429	631	0.30313	43	0.16145	124	607.1	28	14.460	165	0.21254	172
11500	0.50060	635	0.30356	43	0.16260	124	604.3	29	14.625	166	0.21426	171
11600	0.50695	640	0.30399	43	0.16393	124	601.4	28	14.791	166	0.21597	172
11700	0.51335	644	0 30442	42	0.16517	123	598.6	27	14.957	168	0.21769	172
11800	0.51979	648	0.30484	43	0.16640	124	595.9	28	15.125	168	0.21941	172
11900	0.52627	653	0.30527	43	0.16764	124	593.1	28	15.293	169	0.22113	172
12000	0.53250	657	0.30570	43	0.16888	124	590.3	28	15.462	170	0.22285	172
12100	0.53937	661	0.30613	42	0.17012	124	587.5	27	15.632	170	0.22457	172
12200	0.54598	667	0.30655	43	0.17136	124	584.8	27	15.802	171	0.22629	172
12300	0.55265	670	0.30698	43	0.17260	124	582.1	28	15.973	172	0.22801	172
12400	0.55935	676	0.30741	43	0.17384	124	579.3	27	16.145	173	0.22973	173
12500	0.56611	680	0.30784	43	0.17508	124	576.6	27	16.318	174	0.23146	172
12600	0.57291	684	0.30827	42	0.17632	124	573.9	26	16.492	175	0.23318	173
12700	0.57975	690	0.30869	43	0.17756	124	571.3	27	16.667	175	0.23491	173
12800	0.58665	693	0.30912	43	0.17880	124	568.6	27	16.842	177	0.23664	173
12900	0.59358	699	0.30955	43	0.18004	124	565.9	26	17.019	177	0.23837	173
13000	0.60057	704	0.30998	43	0.18128	124	563.3	26	17.196	178	0.24010	173
13100	0.60761	708	0.31041	44	0.18252	124	560.7	26	17.374	179	0.24183	174
13200	0.61469	714	0.31085	43	0.18376	125	558.1	27	17.553	179	0.24357	173
13300	0.62183	719	0.31128	43	0.18501	124	555.4	26	17.732	181	0.24530	174
13400	0.62902	724	0.31171	44	0.18625	124	552.8	25	17.913	182	0.24704	173
13500	0.63626	728	0.31215	43	0.18749	124	550.3	26	18.095	182	0.24877	174
13600	0.64354	734	0.31258	44	0.18873	124	547.7	25	18.277	183	0.25051	174
13700	0.65088	739	0.31302	44	0.18997	125	545.2	26	18.460	184	0.25225	174
13800	0.65827	743	0.31346	43	0.19122	124	542.6	25	18.644	184	0.25399	175
13900	0.66570	749	0.31389	44	0.19246	124	540.1	25	18.828	186	0.25574	174
14000	0.67319	754	0.31433	44	0.19370	124	537.6	25	19.014	187	0.25748	175
14100	0.68073	759	0.31477	44	0.19494	125	535.1	25	19.201	187	0.25923	174
14200	0.68832	764	0.31521	45	0.19619	124	532.6	25	19.388	188	0.26097	175
14300	0.69596	769	0.31566	44	0.19743	124	530.1	24	19.576	189	0.26272	175
14400	0.70365	775	0.31610	44	0.19867	125	527.7	25	19.765	190	0.26447	175
14500	0.71140	781	0.31654	44	0.19992	124	525.2	24	19.955	191	0.26622	176
14600	0.71921	786	0.31698	44	0.20116	124	522.8	25	20.146	192	0.26798	175
14700	0.72707	791	0.31742	45	0.20240	124	520.3	24	20.338	193	0.26973	176
14800	0.73498	796	0.31787	44	0.20364	125	517.9	24	20.531	194	0.27149	175
14900	0.74294	802	0.31831	44	0.20489	124	515.5	24	20.725	194	0.27324	176
15000	0.75096	806	0.31875	44	0.20613	124	513.1	24	20.919	195	0.27500	176

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TABLE II. *V=1,100 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T''*	Δ	*log Q*	Δ
15000	0.75096	806	0.31875	44	0.20613	124	513.1	24	20.919	195	0.27500	176
15100	0.75902	812	0.31919	44	0.20737	124	510.7	24	21.114	195	0.27676	176
15200	0.76714	818	0.31963	45	0.20861	124	508.3	24	21.309	197	0.27852	176
15300	0.77532	824	0.32008	44	0.20985	125	505.9	23	21.506	197	0.28028	176
15400	0.78356	831	0.32052	45	0.21110	124	503.6	24	21.703	199	0.28204	177
15500	0.79187	836	0.32097	44	0.21234	124	501.2	23	21.902	200	0.28381	177
15600	0.80023	842	0.32141	45	0.21358	124	498.9	24	22.102	202	0.28558	176
15700	0.80865	848	0.32186	44	0.21482	124	496.5	23	22.304	202	0.28734	177
15800	0.81713	854	0.32230	45	0.21606	125	494.2	23	22.506	204	0.28911	178
15900	0.82567	860	0.32275	45	0.21731	124	491.9	23	22.710	204	0.29089	177
16000	0.83427	864	0.32320	45	0.21855	124	489.6	23	22.914	204	0.29266	178
16100	0.84291	870	0.32365	46	0.21979	124	487.3	23	23.118	205	0.29444	177
16200	0.85161	877	0.32411	45	0.22103	124	485.0	22	23.323	206	0.29621	178
16300	0.86038	883	0.32456	45	0.22227	123	482.8	23	23.529	207	0.29799	178
16400	0.86921	890	0.32501	46	0.22350	124	480.5	22	23.736	209	0.29977	179
16500	0.87811	897	0.32547	45	0.22474	274	478.3	23	23.945	210	0.30156	178
16600	0.88708	903	0.32592	45	0.22598	125	476.0	22	24.155	211	0.30334	179
16700	0.89611	909	0.32637	46	0.22723	124	473.8	22	24.366	212	0.30513	179
16800	0.90520	916	0.32683	45	0.22847	124	471.6	22	24.578	213	0.30692	179
16900	0.91436	922	0.32728	46	0.22971	124	469.4	22	24.791	214	0.30871	179
17000	0.92358	927	0.32774	46	0.23095	123	467.2	22	25.005	214	0.31050	179
17100	0.93285	933	0.32820	46	0.23218	124	465.0	21	25.219	216	0.31229	180
17200	0.94218	941	0.32866	46	0.23342	123	462.9	22	25.435	217	0.31409	180
17300	0.95159	947	0.32912	46	0.23465	123	460.7	22	25.652	217	0.31589	180
17400	0.96106	955	0.32958	45	0.23588	124	458.5	21	25.869	219	0.31769	180
17500	0.97061	961	0.33003	46	0.23712	123	456.4	21	26.088	219	0.31949	180
17600	0.98022	968	0.33049	46	0.23835	124	454.3	21	26.307	221	0.32129	181
17700	0.98990	975	0.33095	46	0.23959	124	452.2	21	26.528	222	0.32310	181
17800	0.99965	982	0.33141	46	0.24083	123	450.1	21	26.750	222	0.32491	181
17900	1.00947	989	0.33187	46	0.24206	124	448.0	21	26.972	224	0.32672	181
18000	1.01936	994	0.33233	45	0.24330	123	445.9	21	27.196	225	0.32853	181
18100	1.02930	1001	0.33278	46	0.24453	123	443.8	20	27.421	225	0.33034	182
18200	1.03931	1008	0.33324	45	0.24576	123	441.8	21	27.646	227	0.33216	182
18300	1.04939	1016	0.33369	46	0.24699	123	439.7	21	27.873	228	0.33398	182
18400	1.05955	1024	0.33415	46	0.24822	123	437.6	20	28.101	229	0.33580	182
18500	1.06979	1031	0.33461	45	0.24945	123	435.6	20	28.330	230	0.33762	182
18600	1.08010	1039	0.33506	46	0.25068	123	433.6	21	28.560	232	0.33944	182
18700	1.09049	1046	0.33552	46	0.25191	123	431.5	20	28.792	232	0.34126	183
18800	1.10095	1053	0.33598	46	0.25314	123	429.5	20	29.024	233	0.34309	183
18900	1.11148	1061	0.33644	46	0.25437	123	427.5	20	29.257	235	0.34492	183
19000	1.12209	1066	0.33690	46	0.25560	122	425.5	20	29.492	235	0.34675	183
19100	1.13275	1074	0.33736	45	0.25682	123	423.5	20	29.727	237	0.34858	184
19200	1.14349	1081	0.33781	46	0.25805	122	421.5	19	29.964	238	0.35042	184
19300	1.15430	1090	0.33827	47	0.25927	122	419.6	20	30.202	238	0.35226	184
19400	1.16520	1099	0.33874	46	0.26049	123	417.6	19	30.440	240	0.35410	184
19500	1.17619	1106	0.33920	46	0.26172	122	415.7	20	30.680	241	0.35594	184
19600	1.18725	1114	0.33966	47	0.26294	123	413.7	19	30.921	243	0.35778	184
19700	1.19839	1123	0.34013	47	0.26417	123	411.8	19	31.164	244	0.35962	185
19800	1.20962	1130	0.34060	47	0.26540	122	409.9	19	31.408	244	0.36147	185
19900	1.22092	1139	0.34107	47	0.26662	123	408.0	19	31.652	246	0.36332	185
20000	1.23231	1147	0.34154	48	0.26785	122	406.1	19	31.898	247	0.36517	185

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TABLE II. *V=1,150 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
0	0.00000	245	0.25000	78	0.00000	273	1150.0	10.8	0.000	88	0.00000	274
100	0.00245	248	0.25078	76	0.00273	266	1139.2	10.5	0.088	88	0.00274	272
200	0.00493	251	0.25154	75	0.00539	259	1128.7	10.1	0.176	89	0.00546	270
300	0.00744	253	0.25229	74	0.00798	253	1118.6	9.8	0.265	90	0.00816	267
400	0.00997	257	0.25303	74	0.01051	246	1108.8	9.4	0.355	90	0.01083	265
500	0.01254	260	0.25377	72	0.01297	240	1099.4	9.1	0.445	92	0.01348	262
600	0.01514	263	0.25449	71	0.01537	235	1090.3	8.8	0.537	92	0.01610	260
700	0.01777	266	0.25520	70	0.01772	228	1081.5	8.5	0.629	93	0.01870	258
800	0.02043	269	0.25590	69	0.02000	223	1073.0	8.3	0.722	93	0.02128	256
900	0.02312	272	0.25659	68	0.02223	217	1064.7	8.0	0.815	94	0.02384	253
1000	0.02584	275	0.25727	67	0.02440	212	1056.7	7.8	0.909	95	0.02637	250
1100	0.02859	278	0.25794	65	0.02652	206	1048.9	7.5	1.004	96	0.02887	248
1200	0.03137	281	0.25859	64	0.02858	202	1041.4	7.3	1.100	96	0.03135	246
1300	0.03418	283	0.25923	64	0.03060	198	1034.1	7.2	1.196	97	0.03381	244
1400	0.03701	287	0.25987	63	0.03258	192	1026.9	7.0	1.293	98	0.03625	241
1500	0.03988	289	0.26050	61	0.03450	188	1019.9	6.8	1.391	98	0.03866	239
1600	0.04277	292	0.26111	60	0.03638	184	1013.1	6.6	1.489	99	0.04105	237
1700	0.04569	295	0.26171	60	0.03822	180	1006.5	6.4	1.588	100	0.04342	235
1800	0.04864	297	0.26231	59	0.04002	176	1000.1	6.3	1.688	100	0.04577	233
1900	0.05161	301	0.26290	58	0.04178	172	993.8	6.1	1.788	101	0.04810	230
2000	0.05462	303	0.26348	57	0.04350	168	987.7	6.0	1.889	102	0.05040	228
2100	0.05765	307	0.26405	57	0.04518	166	981.7	5.8	1.991	102	0.05268	226
2200	0.06072	309	0.26462	56	0.04684	162	975.9	5.6	2.093	103	0.05494	224
2300	0.06381	311	0.26518	56	0.04846	159	970.3	5.5	2.196	103	0.05718	223
2400	0.06692	314	0.26574	55	0.05005	156	964.8	5.5	2.299	104	0.05941	221
2500	0.07006	317	0.26629	54	0.05161	153	959.3	5.4	2.403	105	0.06162	219
2600	0.07323	320	0.26683	53	0.05314	151	953.9	5.4	2.508	105	0.06381	217
2700	0.07643	322	0.26736	53	0.05465	149	948.5	5.3	2.613	106	0.06598	215
2800	0.07965	325	0.26789	52	0.05614	148	943.2	5.3	2.719	106	0.06813	213
2900	0.08290	328	0.26841	52	0.05762	146	937.9	5.2	2.825	107	0.07026	211
3000	0.08618	330	0.26893	51	0.05908	145	932.7	5.1	2.932	107	0.07237	211
3100	0.08948	334	0.26944	51	0.06053	144	927.6	5.1	3.039	108	0.07448	210
3200	0.09282	336	0.26995	50	0.06197	143	922.5	5.0	3.147	109	0.07658	208
3300	0.09618	338	0.27045	50	0.06340	143	917.5	4.9	3.256	109	0.07866	207
3400	0.09956	342	0.27095	50	0.06483	142	912.6	4.9	3.365	110	0.08073	205
3500	0.10298	344	0.27145	49	0.06625	141	907.7	4.9	3.475	110	0.08278	203
3600	0.10642	346	0.27194	48	0.06766	140	902.8	4.8	3.585	111	0.08481	202
3700	0.10988	350	0.27242	48	0.06906	140	898.0	4.8	3.696	112	0.08683	201
3800	0.11338	352	0.27290	48	0.07046	139	893.2	4.7	3.808	112	0.08884	200
3900	0.11690	355	0.27338	47	0.07185	138	888.5	4.7	3.920	113	0.09084	199
4000	0.12045	358	0.27385	47	0.07323	138	883.8	4.6	4.033	114	0.09283	198
4100	0.12403	360	0.27432	46	0.07461	137	879.2	4.6	4.147	114	0.09481	197
4200	0.12763	364	0.27478	46	0.07598	136	874.6	4.5	4.261	115	0.09678	197
4300	0.13127	366	0.27524	46	0.07734	135	870.1	4.5	4.376	115	0.09875	196
4400	0.13493	369	0.27570	45	0.07869	135	865.6	4.4	4.491	116	0.10071	196
4500	0.13862	372	0.27615	45	0.08004	134	861.2	4.4	4.607	116	0.10267	195
4600	0.14234	374	0.27660	45	0.08138	134	856.8	4.4	4.723	117	0.10462	194
4700	0.14608	378	0.27705	44	0.08272	133	852.4	4.3	4.840	118	0.10656	194
4800	0.14986	380	0.27749	44	0.08405	132	848.1	4.2	4.958	118	0.10850	193
4900	0.15366	383	0.27793	44	0.08537	131	843.9	4.2	5.076	119	0.11043	193
5000	0.15749	386	0.27837	44	0.08668	131	839.7	4.2	5.195	119	0.11236	192

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TABLE II. $V=1{,}150$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.15749	386	0.27837	44	0.08868	131	839.7	4.2	5.195	119	0.11236	192
5100	0.16135	389	0.27881	43	0.08799	130	835.5	4.1	5.314	120	0.11428	191
5200	0.16524	392	0.27924	44	0.08929	130	831.4	4.1	5.434	121	0.11619	190
5300	0.16916	395	0.27968	43	0.09059	129	827.3	4.0	5.555	121	0.11809	190
5400	0.17311	397	0.28011	43	0.09188	129	823.3	4.0	5.676	122	0.11999	190
5500	0.17708	401	0.28054	43	0.09317	128	819.3	4.0	5.798	122	0.12189	189
5600	0.18109	403	0.28097	43	0.09445	127	815.3	3.9	5.920	123	0.12378	188
5700	0.18512	407	0.28140	43	0.09572	126	811.4	3.9	6.043	123	0.12566	188
5800	0.18919	409	0.28183	43	0.09698	126	807.5	3.9	6.166	124	0.12754	187
5900	0.19328	412	0.28226	42	0.09824	125	803.6	3.8	6.290	125	0.12941	187
6000	0.19740	415	0.28268	42	0.09949	124	799.8	3.7	6.415	125	0.13128	186
6100	0.20155	418	0.28310	43	0.10073	124	796.1	3.8	6.540	126	0.13314	185
6200	0.20573	421	0.28353	42	0.10197	124	792.3	3.7	6.666	127	0.13499	185
6300	0.20994	425	0.28395	42	0.10321	123	788.6	3.7	6.793	127	0.13684	184
6400	0.21419	427	0.28437	42	0.10444	123	784.9	3.6	6.920	128	0.13868	184
6500	0.21846	430	0.28479	42	0.10567	122	781.3	3.7	7.048	128	0.14052	184
6600	0.22276	433	0.28521	42	0.10689	122	777.6	3.6	7.176	129	0.14236	184
6700	0.22709	436	0.28563	42	0.10811	121	774.0	3.6	7.305	129	0.14420	183
6800	0.23145	440	0.28605	42	0.10932	121	770.4	3.6	7.434	130	0.14603	183
6900	0.23585	442	0.28647	42	0.11053	120	766.8	3.6	7.564	131	0.14786	182
7000	0.24027	445	0.28689	41	0.11173	119	763.2	3.6	7.695	132	0.14968	182
7100	0.24472	449	0.28730	42	0.11292	120	759.6	3.5	7.827	132	0.15150	181
7200	0.24921	452	0.28772	41	0.11412	119	756.1	3.6	7.959	133	0.15331	181
7300	0.25373	455	0.28813	42	0.11531	120	752.5	3.5	8.092	133	0.15512	181
7400	0.25828	458	0.28855	41	0.11651	119	749.0	3.5	8.225	134	0.15693	180
7500	0.26286	461	0.28896	41	0.11770	119	745.5	3.5	8.359	134	0.15873	180
7600	0.26747	465	0.28937	42	0.11889	120	742.0	3.4	8.493	135	0.16053	180
7700	0.27212	467	0.28979	41	0.12009	119	738.6	3.5	8.628	136	0.16233	180
7800	0.27679	471	0.29020	42	0.12128	120	735.1	3.4	8.764	136	0.16413	180
7900	0.28150	474	0.29062	41	0.12248	119	731.7	3.4	8.900	137	0.16593	179
8000	0.28624	477	0.29103	41	0.12367	119	728.3	3.4	9.037	137	0.16772	178
8100	0.29101	481	0.29144	41	0.12486	119	724.9	3.4	9.174	138	0.16950	179
8200	0.29582	484	0.29185	41	0.12605	120	721.5	3.3	9.312	139	0.17129	178
8300	0.30066	487	0.29226	41	0.12725	119	718.2	3.4	9.451	140	0.17307	177
8400	0.30553	491	0.29267	42	0.12844	119	714.8	3.3	9.591	140	0.17484	178
8500	0.31044	494	0.29309	41	0.12963	119	711.5	3.3	9.731	141	0.17662	178
8600	0.31538	497	0.29350	41	0.13082	119	708.2	3.3	9.872	141	0.17840	177
8700	0.32035	501	0.29391	41	0.13201	120	704.9	3.3	10.013	142	0.18017	177
8800	0.32536	504	0.29432	41	0.13321	119	701.6	3.3	10.155	143	0.18195	177
8900	0.33040	507	0.29473	41	0.13440	119	698.3	3.2	10.298	144	0.18372	177
9000	0.33547	511	0.29514	41	0.13559	120	695.1	3.2	10.442	144	0.18549	177
9100	0.34058	514	0.29555	41	0.13679	119	691.9	3.2	10.586	145	0.18726	176
9200	0.34572	518	0.29596	41	0.13798	120	688.7	3.2	10.731	146	0.18902	176
9300	0.35090	522	0.29636	40	0.13918	119	685.5	3.2	10.877	146	0.19078	176
9400	0.35612	525	0.29677	41	0.14037	120	682.3	3.2	11.023	147	0.19254	177
9500	0.36137	529	0.29718	41	0.14157	120	679.1	3.2	11.170	148	0.19431	176
9600	0.36666	533	0.29759	41	0.14277	119	675.9	3.2	11.318	148	0.19607	176
9700	0.37199	536	0.29800	41	0.14396	120	672.7	3.1	11.466	149	0.19783	176
9800	0.37735	540	0.29840	40	0.14516	119	669.6	3.2	11.615	150	0.19959	176
9900	0.38275	543	0.29881	41	0.14635	120	666.4	3.1	11.765	150	0.20135	176
10000	0.38818	547	0.29922	41	0.14755	120	663.3	3.1	11.915	151	0.20311	176

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TABLE II. *V=1,150 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u'*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.38818	547	0.29922	41	0.14755	120	663.3	3.1	11.915	151	0.20311	176
10100	0.39365	551	0.29963	40	0.14875	121	660.2	3.1	12.066	152	0.20487	175
10200	0.39916	555	0.30003	41	0.14996	120	657.1	3.1	12.218	152	0.20662	176
10300	0.40471	558	0.30044	41	0.15116	120	654.0	3.0	12.370	154	0.20838	175
10400	0.41029	562	0.30085	41	0.15236	121	651.0	3.0	12.524	154	0.21013	176
10500	0.41591	566	0.30126	41	0.15357	120	648.0	3.0	12.678	154	0.21189	175
10600	0.42157	570	0.30167	40	0.15477	121	645.0	3.0	12.832	156	0.21364	176
10700	0.42727	574	0.30207	40	0.15598	121	642.0	3.0	12.988	156	0.21540	175
10800	0.43301	578	0.30247	41	0.15719	120	639.0	3.0	13.144	157	0.21715	176
10900	0.43879	582	0.30288	41	0.15839	121	636.0	3.0	13.301	157	0.21891	175
11000	0.44461	585	0.30329	41	0.15960	121	633.0	3.0	13.458	158	0.22066	175
11100	0.45046	589	0.30370	41	0.16081	121	630.0	2.9	13.616	159	0.22241	175
11200	0.45635	594	0.30411	41	0.16202	121	627.1	2.9	13.775	160	0.22416	175
11300	0.46229	598	0.30452	41	0.16323	121	624.2	2.9	13.935	161	0.22591	176
11400	0.46827	602	0.30493	41	0.16444	121	621.3	2.9	14.096	161	0.22767	175
11500	0.47429	606	0.30534	41	0.16565	121	618.4	2.9	14.257	162	0.22942	175
11600	0.48035	610	0.30575	41	0.16686	121	615.5	2.9	14.419	163	0.23117	176
11700	0.48645	614	0.30616	41	0.16807	121	612.6	2.8	14.582	164	0.23293	175
11800	0.49259	618	0.30657	42	0.16928	122	609.8	2.9	14.746	164	0.23468	176
11900	0.49877	623	0.30699	41	0.17050	121	606.9	2.8	14.910	165	0.23644	175
12000	0.50500	627	0.30740	42	0.17171	121	604.1	2.8	15.075	166	0.23819	175
12100	0.51127	632	0.30782	41	0.17292	122	601.3	2.8	15.241	167	0.23994	176
12200	0.51759	636	0.30823	42	0.17414	121	598.5	2.8	15.408	168	0.24170	176
12300	0.52395	640	0.30865	42	0.17535	121	595.7	2.8	15.576	168	0.24346	175
12400	0.53035	645	0.30907	41	0.17657	121	592.9	2.8	15.744	169	0.24521	176
12500	0.53680	649	0.30948	42	0.17778	122	590.1	2.7	15.913	170	0.24697	176
12600	0.54329	654	0.30990	42	0.17900	122	587.4	2.8	16.083	170	0.24873	176
12700	0.54983	658	0.31032	42	0.18022	121	584.6	2.7	16.253	172	0.25049	176
12800	0.55641	663	0.31074	42	0.18143	122	581.9	2.7	16.425	172	0.25225	176
12900	0.56304	667	0.31116	42	0.18265	122	579.2	2.7	16.597	173	0.25401	176
13000	0.56971	671	0.31158	42	0.18387	122	576.5	2.7	16.770	174	0.25577	176
13100	0.57642	676	0.31200	42	0.18509	122	573.8	2.7	16.944	175	0.25753	176
13200	0.58318	681	0.31242	43	0.18631	122	571.1	2.6	17.119	175	0.25929	177
13300	0.58999	685	0.31285	42	0.18753	122	568.5	2.7	17.294	176	0.26106	176
13400	0.59684	690	0.31327	42	0.18875	122	565.8	2.6	17.470	178	0.26282	177
13500	0.60374	695	0.31369	43	0.18997	122	563.2	2.7	17.648	178	0.26459	176
13600	0.61069	700	0.31412	42	0.19119	122	560.5	2.6	17.826	178	0.26635	177
13700	0.61769	705	0.31454	43	0.19241	122	557.9	2.6	18.004	180	0.26812	177
13800	0.62474	709	0.31497	42	0.19363	122	555.3	2.6	18.184	180	0.26989	177
13900	0.63183	714	0.31539	43	0.19485	122	552.7	2.5	18.364	182	0.27166	177
14000	0.63897	720	0.31582	43	0.19607	122	550.2	2.6	18.546	182	0.27343	177
14100	0.64617	726	0.31625	43	0.19729	123	547.6	2.6	18.728	183	0.27520	177
14200	0.65343	731	0.31667	43	0.19852	122	545.0	2.5	18.911	184	0.27697	178
14300	0.66074	735	0.31710	43	0.19974	122	542.5	2.5	19.095	184	0.27875	178
14400	0.66809	740	0.31753	43	0.20096	123	540.0	2.6	19.279	186	0.28053	178
14500	0.67549	745	0.31796	43	0.20219	122	537.4	2.5	19.465	186	0.28231	177
14600	0.68294	750	0.31839	43	0.20341	122	534.9	2.5	19.651	188	0.28408	178
14700	0.69044	754	0.31882	43	0.20463	122	532.4	2.4	19.839	188	0.28586	179
14800	0.69798	759	0.31925	43	0.20585	123	530.0	2.5	20.027	189	0.28765	178
14900	0.70557	765	0.31968	43	0.20708	122	527.5	2.5	20.216	190	0.28943	178
15000	0.71322	770	0.32011	43	0.20830	122	525.0	2.4	20.406	191	0.29121	178

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TABLE II. $V=1{,}150$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.71322	770	0.32011	43	0.20830	122	525.0	2.4	20.406	191	0.29121	178
15100	0.72092	777	0.32054	44	0.20952	123	522.6	2.5	20.597	192	0.29299	178
15200	0.72869	782	0.32098	43	0.21075	122	520.1	2.4	20.789	193	0.29478	178
15300	0.73651	788	0.32141	43	0.21197	122	517.7	2.4	20.982	194	0.29656	179
15400	0.74439	792	0.32184	44	0.21319	123	515.3	2.4	21.176	194	0.29835	179
15500	0.75231	798	0.32228	43	0.21442	122	512.9	2.4	21.370	196	0.30014	178
15600	0.76029	803	0.32271	44	0.21564	123	510.5	2.4	21.566	196	0.30192	179
15700	0.76832	808	0.32315	44	0.21686	123	508.1	2.4	21.762	197	0.30371	180
15800	0.77640	813	0.32359	43	0.21808	123	505.7	2.3	21.959	199	0.30551	179
15900	0.78453	820	0.32402	44	0.21931	122	503.4	2.4	22.158	199	0.30730	179
16000	0.79273	826	0.32446	44	0.22053	122	501.0	2.3	22.357	200	0.30909	179
16100	0.80099	831	0.32490	44	0.22175	122	498.7	2.3	22.557	201	0.31088	180
16200	0.80930	838	0.32534	44	0.22297	123	496.4	2.3	22.758	202	0.31268	180
16300	0.81768	843	0.32578	44	0.22420	122	494.1	2.3	22.960	203	0.31448	179
16400	0.82611	850	0.32622	44	0.22542	122	491.8	2.3	23.163	204	0.31627	180
16500	0.83461	855	0.32666	44	0.22664	122	489.5	2.3	23.367	204	0.31807	180
16600	0.84316	862	0.32710	44	0.22786	122	487.2	2.3	23.571	206	0.31987	181
16700	0.85178	867	0.32754	44	0.22908	123	485.9	2.3	23.777	207	0.32168	180
16800	0.86045	874	0.32798	45	0.23031	122	482.6	2.2	23.984	208	0.32348	180
16900	0.86919	879	0.32843	44	0.23153	122	480.4	2.3	24.192	208	0.32528	181
17000	0.87798	886	0.32887	45	0.23275	122	478.1	2.2	24.400	210	0.32709	181
17100	0.88684	892	0.32932	44	0.23397	122	475.9	2.2	24.610	210	0.32890	181
17200	0.89576	898	0.32976	45	0.23519	122	473.7	2.1	24.820	212	0.33071	181
17300	0.90474	905	0.33021	44	0.23641	122	471.6	2.2	25.032	213	0.33252	181
17400	0.91379	911	0.33065	45	0.23763	123	469.4	2.2	25.245	213	0.33433	182
17500	0.92290	918	0.33110	45	0.23886	122	467.2	2.2	25.458	215	0.33615	181
17600	0.93208	924	0.33155	44	0.24008	122	465.0	2.2	25.673	216	0.33796	182
17700	0.94132	930	0.33199	45	0.24130	122	462.8	2.2	25.889	216	0.33978	182
17800	0.95062	937	0.33244	45	0.24252	122	460.6	2.2	26.105	218	0.34160	182
17900	0.95999	943	0.33289	45	0.24374	122	458.4	2.1	26.323	219	0.34342	182
18000	0.96942	950	0.33334	45	0.24496	122	456.3	2.1	26.542	219	0.34524	182
18100	0.97892	956	0.33379	45	0.24618	122	454.2	2.1	26.761	221	0.34706	183
18200	0.98848	964	0.33424	45	0.24740	122	452.1	2.2	26.982	222	0.34889	182
18300	0.99812	970	0.33469	45	0.24862	122	449.9	2.1	27.204	223	0.35071	183
18400	1.00782	977	0.33514	45	0.24984	122	447.8	2.0	27.427	223	0.35254	183
18500	1.01759	984	0.33559	46	0.25106	121	445.8	2.1	27.650	225	0.35437	183
18600	1.02743	990	0.33605	45	0.25227	122	443.7	2.1	27.875	226	0.35620	183
18700	1.03733	999	0.33650	45	0.25349	122	441.6	2.1	28.101	227	0.35803	183
18800	1.04732	1005	0.33695	46	0.25471	121	439.5	2.0	28.328	228	0.35987	183
18900	1.05737	1012	0.33741	45	0.25592	122	437.5	2.1	28.556	229	0.36170	184
19000	1.06749	1019	0.33786	46	0.25714	122	435.4	2.0	28.785	231	0.36354	184
19100	1.07768	1026	0.33832	45	0.25836	121	433.4	2.0	29.016	231	0.36538	184
19200	1.08794	1034	0.33877	46	0.25957	122	431.4	2.0	29.247	232	0.36722	184
19300	1.09828	1042	0.33923	46	0.26079	121	429.4	2.0	29.479	234	0.36906	184
19400	1.10870	1049	0.33969	46	0.26200	122	427.4	2.0	29.713	235	0.37090	185
19500	1.11919	1055	0.34015	46	0.26322	121	425.4	2.0	29.948	235	0.37275	185
19600	1.12974	1064	0.34061	46	0.26443	121	423.4	2.0	30.183	237	0.37460	185
19700	1.14038	1071	0.34107	46	0.26564	122	421.4	1.9	30.420	238	0.37645	185
19800	1.15109	1078	0.34153	46	0.26686	121	419.5	2.0	30.658	238	0.37830	185
19900	1.16187	1086	0.34199	46	0.26807	121	417.5	1.9	30.896	240	0.38015	186
20000	1.17273	1094	0.34245	46	0.26928	121	415.6	1.9	31.136	241	0.38201	186

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TABLE II. *V=1,200 f. s.*

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
0	0.00000	225	0.25000	91	0.00000	319	1200.0	12.9	0.000	84	0.00000	312
100	0.00225	228	0.25091	90	0.00319	306	1187.1	12.3	0.084	85	0.00312	308
200	0.00453	231	0.25181	88	0.00625	295	1174.8	11.8	0.169	86	0.00620	306
300	0.00684	235	0.25269	87	0.00920	284	1163.0	11.4	0.255	86	0.00926	303
400	0.00919	238	0.25356	85	0.01204	275	1151.6	10.9	0.341	87	0.01229	300
500	0.01157	241	0.25441	83	0.01479	266	1140.7	10.5	0.428	88	0.01529	296
600	0.01398	244	0.25524	81	0.01745	258	1130.2	10.2	0.516	89	0.01825	293
700	0.01642	247	0.25605	80	0.02003	250	1120.0	9.8	0.605	90	0.02118	290
800	0.01889	250	0.25685	78	0.02253	243	1110.2	9.5	0.695	90	0.02408	288
900	0.02139	253	0.25763	77	0.02496	237	1100.7	9.1	0.785	91	0.02696	284
1000	0.02392	257	0.25840	74	0.02733	230	1091.6	8.9	0.876	92	0.02980	279
1100	0.02649	259	0.25914	72	0.02963	225	1082.7	8.5	0.968	93	0.03259	277
1200	0.02908	262	0.25986	71	0.03188	220	1074.2	8.3	1.061	94	0.03536	273
1300	0.03170	265	0.26057	69	0.03408	214	1065.9	8.1	1.155	94	0.03809	272
1400	0.03435	268	0.26126	68	0.03622	209	1057.8	7.8	1.249	95	0.04081	269
1500	0.03703	271	0.26194	66	0.03831	204	1050.0	7.6	1.344	96	0.04350	266
1600	0.03974	274	0.26260	65	0.04035	199	1042.4	7.4	1.440	96	0.04616	264
1700	0.04248	277	0.26325	64	0.04234	194	1035.0	7.2	1.536	97	0.04880	261
1800	0.04525	280	0.26389	63	0.04428	190	1027.8	7.0	1.633	97	0.05141	259
1900	0.04805	283	0.26452	61	0.04618	185	1020.8	6.7	1.730	98	0.05400	256
2000	0.05088	286	0.26513	59	0.04803	180	1014.1	6.6	1.828	99	0.05656	251
2100	0.05374	289	0.26572	58	0.04983	177	1007.5	6.5	1.927	99	0.05907	249
2200	0.05663	291	0.26630	58	0.05160	173	1001.0	6.3	2.026	100	0.06156	247
2300	0.05954	293	0.26688	57	0.05333	169	994.7	6.1	2.126	101	0.06403	245
2400	0.06247	297	0.26745	57	0.05502	165	988.6	6.0	2.227	101	0.06648	244
2500	0.06544	300	0.26802	56	0.05667	162	982.6	5.8	2.328	102	0.06892	241
2600	0.06844	303	0.26858	56	0.05829	158	976.8	5.7	2.430	103	0.07133	240
2700	0.07147	305	0.26914	55	0.05987	155	971.1	5.6	2.533	103	0.07373	237
2800	0.07452	308	0.26969	54	0.06142	152	965.5	5.5	2.636	104	0.07610	236
2900	0.07760	310	0.27023	54	0.06294	149	960.0	5.4	2.740	105	0.07846	233
3000	0.08070	313	0.27077	53	0.06443	146	954.6	5.4	2.845	105	0.08079	229
3100	0.08383	316	0.27130	53	0.06589	145	949.2	5.3	2.950	106	0.08308	227
3200	0.08699	319	0.27183	53	0.06734	143	943.9	5.3	3.056	106	0.08535	226
3300	0.09018	322	0.27236	52	0.06877	142	938.6	5.2	3.162	107	0.08761	225
3400	0.09340	324	0.27288	51	0.07019	141	933.4	5.1	3.269	108	0.08986	223
3500	0.09664	327	0.27339	51	0.07160	140	928.3	5.1	3.377	108	0.09209	222
3600	0.09991	330	0.27390	50	0.07300	139	923.2	5.0	3.485	109	0.09431	221
3700	0.10321	332	0.27440	50	0.07439	138	918.2	5.0	3.594	109	0.09652	219
3800	0.10653	335	0.27490	49	0.07577	137	913.2	4.9	3.703	110	0.09871	218
3900	0.10988	338	0.27539	49	0.07714	136	908.3	4.9	3.813	110	0.10089	217
4000	0.11326	340	0.27588	47	0.07850	135	903.4	4.8	3.923	111	0.10306	214
4100	0.11666	343	0.27635	47	0.07985	134	898.6	4.7	4.034	111	0.10520	212
4200	0.12009	346	0.27682	47	0.08119	134	893.9	4.7	4.145	112	0.10732	212
4300	0.12355	349	0.27729	46	0.08253	133	889.2	4.7	4.257	113	0.10944	211
4400	0.12704	352	0.27775	46	0.08386	133	884.5	4.6	4.370	113	0.11155	210
4500	0.13056	355	0.27821	46	0.08519	132	879.9	4.6	4.483	114	0.11365	208
4600	0.13411	357	0.27867	46	0.08651	131	875.3	4.5	4.597	115	0.11573	208
4700	0.13768	360	0.27913	45	0.08782	131	870.8	4.5	4.712	115	0.11781	208
4800	0.14128	363	0.27958	45	0.08913	130	866.3	4.5	4.827	116	0.11989	205
4900	0.14491	366	0.28003	45	0.09043	129	861.8	4.4	4.943	116	0.12195	206
5000	0.14857	368	0.28048	44	0.09172	129	857.4	4.4	5.059	117	0.12400	203

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TABLE II. $V=1{,}200$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.14857	368	0.28048	44	0.09172	129	857.4	4.4	5.059	117	0.12400	203
5100	0.15225	371	0.28092	44	0.09301	129	853.0	4.3	5.176	118	0.12603	203
5200	0.15596	374	0.28136	43	0.09430	128	848.7	4.3	5.294	118	0.12806	202
5300	0.15970	377	0.28179	44	0.09558	127	844.4	4.2	5.412	119	0.13008	201
5400	0.16347	380	0.28223	44	0.09685	126	840.2	4.2	5.531	119	0.13209	201
5500	0.16727	383	0.28267	43	0.09811	126	836.0	4.1	5.650	120	0.13410	200
5600	0.17110	386	0.28310	43	0.09937	125	831.9	4.1	5.770	120	0.13610	199
5700	0.17496	389	0.28353	43	0.10062	125	827.8	4.0	5.890	121	0.13809	199
5800	0.17885	391	0.28396	43	0.10187	124	823.8	4.0	6.011	122	0.14008	198
5900	0.18276	394	0.28439	43	0.10311	123	819.8	3.9	6.133	122	0.14206	197
6000	0.18670	397	0.28482	43	0.10434	123	815.9	3.9	6.255	123	0.14403	196
6100	0.19067	400	0.28525	43	0.10557	123	812.0	3.9	6.378	123	0.14599	195
6200	0.19467	403	0.28568	42	0.10680	122	808.1	3.8	6.501	124	0.14794	195
6300	0.19870	406	0.28610	43	0.10802	122	804.3	3.8	6.625	125	0.14989	194
6400	0.20276	409	0.28653	42	0.10924	121	800.5	3.8	6.750	125	0.15183	194
6500	0.20685	412	0.28695	42	0.11045	120	796.7	3.8	6.875	126	0.15377	193
6600	0.21097	415	0.28737	42	0.11165	120	792.9	3.7	7.001	126	0.15570	193
6700	0.21512	418	0.28779	42	0.11285	119	789.2	3.7	7.127	127	0.15763	192
6800	0.21930	421	0.28821	42	0.11404	118	785.5	3.7	7.254	128	0.15955	192
6900	0.22351	423	0.28863	42	0.11522	118	781.8	3.6	7.382	128	0.16147	191
7000	0.22774	427	0.28905	42	0.11640	117	778.2	3.6	7.510	129	0.16338	190
7100	0.23201	430	0.28947	42	0.11757	117	774.6	3.6	7.639	129	0.16528	190
7200	0.23631	433	0.28989	41	0.11874	117	771.0	3.6	7.768	130	0.16718	189
7300	0.24064	436	0.29030	42	0.11991	117	767.4	3.6	7.898	131	0.16907	189
7400	0.24500	439	0.29072	42	0.12108	117	763.8	3.6	8.029	131	0.17096	189
7500	0.24939	442	0.29114	41	0.12225	116	760.2	3.6	8.160	132	0.17285	188
7600	0.25381	445	0.29155	41	0.12341	116	756.6	3.5	8.292	133	0.17473	188
7700	0.25826	449	0.29196	41	0.12457	116	753.1	3.5	8.425	133	0.17661	187
7800	0.26275	451	0.29237	40	0.12573	116	749.6	3.5	8.558	134	0.17848	187
7900	0.26726	455	0.29277	41	0.12689	116	746.1	3.5	8.692	134	0.18035	187
8000	0.27181	458	0.29318	40	0.12805	116	742.6	3.5	8.826	135	0 18222	186
8100	0.27639	461	0.29358	40	0.12921	116	739.1	3.5	8.961	136	0.18408	185
8200	0.28100	464	0.29398	40	0.13037	115	735.6	3.4	9.097	136	0.18593	185
8300	0.28564	467	0.29438	40	0.13152	116	732.2	3.4	9.233	137	0.18778	185
8400	0.29031	471	0.29478	40	0.13268	116	728.8	3.4	9.370	138	0.18963	184
8500	0.29502	474	0.29518	40	0.13384	116	725.4	3.4	9.508	138	0.19147	184
8600	0.29976	477	0.29558	40	0.13500	116	722.0	3.4	9.646	139	0.19331	184
8700	0.30453	481	0.29598	40	0.13616	115	718.6	3.3	9.785	139	0.19515	184
8800	0.30934	484	0.29638	40	0.13731	116	715.3	3.3	9.924	140	0.19699	184
8900	0.31418	487	0.29678	40	0.13847	116	712.0	3.3	10.064	141	0.19883	183
9000	0.31905	491	0.29718	40	0.13963	116	708.7	3.3	10.205	141	0.20066	183
9100	0.32396	494	0.29758	40	0.14079	116	705.4	3.3	10.346	142	0.20249	182
9200	0.32890	497	0.29798	39	0.14195	117	702.1	3.3	10.486	143	0.20431	182
9300	0.33387	501	0.29837	40	0.14312	116	698.8	3.3	10.631	143	0.20613	182
9400	0.33888	504	0.29877	40	0.14428	116	695.5	3.2	10.774	144	0.20795	182
9500	0.34392	508	0.29917	40	0.14544	116	692.3	3.2	10.918	145	0.20977	181
9600	0.34900	511	0.29957	40	0.14660	117	689.1	3.2	11.063	146	0.21158	182
9700	0.35411	515	0.29997	40	0.14777	116	685.9	3.2	11.209	146	0.21340	182
9800	0.35926	518	0.30037	40	0.14893	116	682.7	3.2	11.355	147	0.21522	181
9900	0.36444	522	0.30077	40	0.15009	116	679.5	3.2	11.502	147	0.21703	181
10000	0.36966	525	0.30117	40	0.15125	116	676.3	3.2	11.649	148	0.21884	181

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TABLE II. *V=1,200 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.36966	525	0.30117	40	0.15125	116	676.3	3.2	11.649	148	0.21884	181
10100	0.37491	529	0.30157	40	0.15241	117	673.1	3.1	11.797	149	0.22065	180
10200	0.38020	533	0.30197	41	0.15358	117	670.0	3.1	11.946	150	0.22245	181
10300	0.38553	537	0.30238	40	0.15475	117	666.9	3.1	12.096	150	0.22426	180
10400	0.39090	540	0.30278	40	0.15592	117	663.8	3.1	12.246	151	0.22606	180
10500	0.39630	544	0.30318	40	0.15709	117	660.7	3.1	12.397	152	0.22786	181
10600	0.40174	548	0.30358	40	0.15826	118	657.6	3.1	12.549	152	0.22967	180
10700	0.40722	552	0.30398	41	0.15944	117	654.5	3.0	12.701	153	0.23147	180
10800	0.41274	555	0.30439	40	0.16061	117	651.5	3.1	12.854	154	0.23327	180
10900	0.41829	559	0.30479	40	0.16178	118	648.4	3.0	13.008	155	0.23507	180
11000	0.42388	562	0.30519	40	0.16296	118	645.4	3.0	13.163	155	0.23687	180
11100	0.42950	567	0.30559	41	0.16414	118	642.4	3.0	13.318	156	0.23867	179
11200	0.43517	570	0.30600	40	0.16532	117	639.4	3.0	13.474	157	0.24046	180
11300	0.44087	575	0.30640	40	0.16649	118	636.4	3.0	13.631	158	0.24226	179
11400	0.44662	578	0.30680	41	0.16767	119	633.4	2.9	13.789	158	0.24405	180
11500	0.45240	582	0.30721	40	0.16886	118	630.5	3.0	13.947	159	0.24585	179
11600	0.45822	586	0.30761	40	0.17004	118	627.5	2.9	14.106	160	0.24764	180
11700	0.46408	591	0.30801	40	0.17122	118	624.6	2.9	14.266	160	0.24944	179
11800	0.46999	594	0.30841	41	0.17240	119	621.7	2.9	14.426	161	0.25123	180
11900	0.47593	598	0.30882	40	0.17359	118	618.8	2.9	14.587	162	0.25303	179
12000	0.48191	602	0.30922	41	0.17477	119	615.9	2.9	14.749	163	0.25482	179
12100	0.48793	607	0.30963	40	0.17596	119	613.0	2.9	14.912	164	0.25661	179
12200	0.49400	611	0.31003	41	0.17715	118	610.1	2.8	15.076	164	0.25840	179
12300	0.50011	615	0.31044	40	0.17833	119	607.3	2.8	15.240	165	0.26019	180
12400	0.50626	620	0.31084	41	0.17952	119	604.5	2.8	15.405	166	0.26199	179
12500	0.51246	624	0.31125	41	0.18071	119	601.7	2.8	15.571	166	0.26378	179
12600	0.51870	628	0.31166	40	0.18190	119	598.9	2.8	15.737	168	0.26557	180
12700	0.52498	632	0.31206	41	0.18309	120	596.1	2.8	15.905	168	0.26737	179
12800	0.53130	637	0.31247	40	0.18429	119	593.3	2.7	16.073	169	0.26916	180
12900	0.53767	641	0.31287	41	0.18548	119	590.6	2.8	16.242	170	0.27096	179
13000	0.54408	645	0.31328	41	0.18667	119	587.8	2.7	16.412	170	0.27275	179
13100	0.55053	650	0.31369	41	0.18786	120	585.1	2.8	16.582	171	0.27454	180
13200	0.55703	655	0.31410	41	0.18906	119	582.3	2.7	16.753	173	0.27634	179
13300	0.56358	659	0.31451	41	0.19025	120	579.6	2.7	16.926	173	0.27813	180
13400	0.57017	664	0.31492	41	0.19145	119	576.9	2.7	17.099	174	0.27993	180
13500	0.57681	668	0.31533	41	0.19264	120	574.2	2.7	17.273	174	0.28173	179
13600	0.57349	673	0.31574	41	0.19384	120	571.5	2.6	17.447	176	0.28352	180
13700	0.59022	677	0.31615	41	0.19504	119	568.9	2.7	17.623	176	0.28532	180
13800	0.59699	682	0.31656	42	0.19623	120	566.2	2.7	17.799	177	0.28712	180
13900	0.60381	687	0.31698	41	0.19743	120	563.5	2.6	17.976	178	0.28892	180
14000	0.61068	691	0.31739	42	0.19863	120	560.9	2.6	18.154	179	0.29072	180
14100	0.61759	696	0.31781	41	0.19983	120	558.3	2.6	18.333	179	0.29252	180
14200	0.62455	701	0.31822	42	0.20103	120	555.7	2.6	18.512	181	0.29432	180
14300	0.63156	706	0.31864	41	0.20223	120	553.1	2.6	18.693	181	0.29612	180
14400	0.63862	711	0.31905	42	0.20343	121	550.5	2.6	18.874	182	0.29792	180
14500	0.64573	716	0.31947	42	0.20464	120	547.9	2.5	19.056	183	0.29972	180
14600	0.65289	721	0.31989	42	0.20584	120	545.4	2.6	19.239	184	0.30152	181
14700	0.66010	726	0.32031	42	0.20704	120	542.8	2.5	19.423	184	0.30333	181
14800	0.66736	731	0.32073	42	0.20824	120	540.3	2.5	19.607	186	0.30514	180
14900	0.67467	736	0.32115	42	0.20944	120	537.8	2.5	19.793	186	0.30694	181
15000	0.68203	741	0.32157	42	0.21064	120	535.3	2.5	19.979	187	0.30875	181

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TABLE II. *V=1,200 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.68203	741	0.32157	42	0.21064	120	535.3	2.5	19.979	187	0.30875	181
15100	0.68944	746	0.32199	43	0.21184	121	532.8	2.5	20.166	189	0.31056	181
15200	0.69690	752	0.32242	42	0.21305	120	530.3	2.5	20.355	189	0.31237	181
15300	0.70442	757	0.32284	42	0.21425	121	527.8	2.4	20.544	190	0.31418	181
15400	0.71199	762	0.32326	43	0.21546	120	525.4	2.5	20.734	190	0.31599	181
15500	0.71961	768	0.32369	43	0.21666	120	522.9	2.4	20.924	192	0.31780	181
15600	0.72729	773	0.32412	42	0.21786	121	520.5	2.5	21.116	193	0.31961	182
15700	0.73502	778	0.32454	43	0.21907	120	518.0	2.4	21.309	193	0.32143	182
15800	0.74280	783	0.32497	43	0.22027	121	515.6	2.4	21.502	194	0.32325	181
15900	0.75063	789	0.32540	43	0.22148	120	513.2	2.4	21.696	196	0.32506	182
16000	0.75852	794	0.32583	43	0.22268	120	510.8	2.4	21.892	196	0.32688	182
16100	0.76646	800	0.32626	43	0.22388	121	508.4	2.3	22.088	197	0.32870	182
16200	0.77446	805	0.32669	43	0.22509	120	506.1	2.4	22.285	198	0.33052	182
16300	0.78251	811	0.32712	43	0.22629	121	503.7	2.4	22.483	199	0.33234	182
16400	0.79062	817	0.32755	43	0.22750	120	501.3	2.3	22.682	200	0.33416	182
16500	0.79879	823	0.32798	43	0.22870	120	499.0	2.3	22.882	201	0.33598	183
16600	0.80702	828	0.32841	44	0.22990	121	496.7	2.3	23.083	201	0.33781	182
16700	0.81530	834	0.32885	43	0.23111	120	494.4	2.3	23.284	203	0.33963	183
16800	0.82364	840	0.32928	44	0.23231	121	492.1	2.3	23.487	204	0.34146	183
16900	0.83204	845	0.32972	43	0.23352	120	489.8	2.3	23.691	205	0.34329	183
17000	0.84049	852	0.33015	44	0.23472	120	487.5	2.3	23.896	205	0.34512	183
17100	0.84901	857	0.33059	43	0.23592	121	485.2	2.2	24.101	206	0.34695	184
17200	0.85758	864	0.33102	44	0.23713	120	483.0	2.3	24.307	208	0.34879	183
17300	0.86622	870	0.33146	44	0.23833	121	480.7	2.3	24.515	209	0.35062	184
17400	0.87492	877	0.33190	44	0.23954	120	478.4	2.2	24.724	209	0.35246	184
17500	0.88369	882	0.33234	44	0.24074	120	476.2	2.2	24.933	211	0.35430	184
17600	0.89251	888	0.33278	44	0.24194	121	474.0	2.2	25.144	212	0.35614	184
17700	0.90139	895	0.33322	44	0.24315	120	471.8	2.2	25.356	212	0.35798	184
17800	0.91034	901	0.33366	44	0.24435	121	469.6	2.2	25.568	213	0.35982	184
17900	0.91935	907	0.33410	44	0.24556	120	467.4	2.2	25.781	214	0.36166	185
18000	0.92842	913	0.33454	44	0.24676	120	465.2	2.2	25.995	216	0.36351	185
18100	0.93755	920	0.33498	45	0.24796	121	463.0	2.1	26.211	216	0.36536	185
18200	0.94675	926	0.33543	44	0.24917	120	460.9	2.2	26.427	218	0.36721	185
18300	0.95601	933	0.33587	44	0.25037	120	458.7	2.1	26.645	219	0.36906	185
18400	0.96534	940	0.33631	45	0.25157	121	456.6	2.1	26.864	219	0.37091	185
18500	0.97474	947	0.33676	44	0.25278	120	454.5	2.2	27.083	220	0.37276	186
18600	0.98421	953	0.33720	45	0.25398	120	452.3	2.1	27.303	222	0.37462	185
18700	0.99374	960	0.33765	45	0.25518	120	450.2	2.0	27.525	223	0.37647	186
18800	1.00334	967	0.33810	44	0.25638	121	448.2	2.1	27.748	223	0.37833	186
18900	1.01301	973	0.33854	45	0.25759	120	446.1	2.1	27.971	225	0.38019	186
19000	1.02274	980	0.33899	45	0.25879	120	444.0	2.1	28.196	226	0.38205	186
19100	1.03254	987	0.33944	45	0.25999	120	441.9	2.0	28.422	226	0.38391	187
19200	1.04241	994	0.33989	45	0.26119	121	439.9	2.1	28.648	228	0.38578	186
19300	1.05235	1002	0.34034	45	0.26240	120	437.8	2.0	28.876	229	0.38764	187
19400	1.06237	1009	0.34079	45	0.26360	120	435.8	2.1	29.105	230	0.38951	187
19500	1.07246	1015	0.34124	45	0.26480	120	433.7	2.0	29.335	231	0.39138	187
19600	1.08261	1023	0.34169	45	0.26600	120	431.7	2.0	29.566	233	0.39325	187
19700	1.09284	1030	0.34214	45	0.26720	121	429.7	2.0	29.799	233	0.39512	188
19800	1.10314	1037	0.34259	46	0.26841	120	427.7	2.0	30.032	234	0.39700	187
19900	1.11351	1044	0.34305	45	0.26961	120	425.7	2.0	30.268	236	0.39887	188
20000	1.12395	1051	0.34350	46	0.27081	121	423.7	2.0	30.502	237	0.40075	188

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TABLE II. $V=1{,}250\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	208	0.25000	102	0.00000	347	1250.0	14.9	0.000	81	0.00000	349
100	0.00208	211	0.25102	100	0.00347	337	1235.1	14.4	0.081	82	0.00349	345
200	0.00419	214	0.25202	98	0.00684	328	1220.7	13.7	0.163	83	0.00694	341
300	0.00633	217	0.25300	96	0.01012	318	1207.0	13.2	0.246	83	0.01089	338
400	0.00850	221	0.25396	93	0.01330	308	1193.8	12.5	0.329	84	0.01373	335
500	0.01071	223	0.25489	91	0.01638	298	1181.3	12.0	0.413	85	0.01708	330
600	0.01294	227	0.25580	89	0.01936	289	1169.3	11.6	0.498	86	0.02038	327
700	0.01521	231	0.25669	87	0.02225	279	1157.7	11.2	0.584	87	0.02365	324
800	0.01752	233	0.25756	86	0.02504	269	1146.5	10.8	0.671	87	0.02689	320
900	0.01985	237	0.25842	84	0.02773	259	1135.7	10.3	0.758	88	0.03009	316
1000	0.02222	240	0.25926	83	0.03032	251	1125.4	10.0	0.846	90	0.03325	311
1100	0.02462	243	0.26009	83	0.03283	244	1115.4	9.6	0.936	90	0.03636	308
1200	0.02705	246	0.26092	83	0.03527	239	1105.8	9.4	1.026	91	0.03944	305
1300	0.02951	249	0.26175	82	0.03766	233	1096.4	9.0	1.117	91	0.04249	301
1400	0.03200	252	0.26257	81	0.03999	226	1087.4	8.7	1.208	92	0.04550	299
1500	0.03452	255	0.26338	78	0.04225	221	1078.7	8.4	1.300	93	0.04849	294
1600	0.03707	259	0.26416	75	0.04446	214	1070.3	8.2	1.393	94	0.05143	292
1700	0.03966	261	0.26491	72	0.04660	209	1062.1	8.0	1.487	94	0.05435	288
1800	0.04227	264	0.26563	69	0.04869	202	1054.1	7.7	1.581	95	0.05723	285
1900	0.04491	267	0.26632	65	0.05071	197	1046.4	7.5	1.676	96	0.06008	282
2000	0.04758	270	0.26697	62	0.05268	194	1038.9	7.4	1.772	97	0.06290	279
2100	0.05028	273	0.26759	62	0.05462	189	1031.5	7.1	1.869	98	0.06569	275
2200	0.05301	276	0.26821	61	0.05651	184	1024.4	6.9	1.967	98	0.06844	273
2300	0.05577	279	0.26882	61	0.05835	180	1017.5	6.7	2.065	98	0.07117	271
2400	0.05856	282	0.26943	60	0.06015	175	1010.8	6.4	2.163	99	0.07388	268
2500	0.06138	284	0.27003	59	0.06190	171	1004.4	6.4	2.262	100	0.07656	264
2600	0.06422	287	0.27062	59	0.06361	166	998.0	6.3	2.362	101	0.07920	262
2700	0.06709	290	0.27121	58	0.06527	162	991.7	6.1	2.463	101	0.08182	260
2800	0.06999	293	0.27179	58	0.06689	157	985.6	5.8	2.564	102	0.08442	256
2900	0.07292	296	0.27237	57	0.06846	152	979.8	5.7	2.666	102	0.08698	254
3000	0.07588	299	0.27294	57	0.06998	149	974.1	5.6	2.768	103	0.08952	251
3100	0.07887	301	0.27351	56	0.07147	147	968.5	5.5	2.871	103	0.09203	250
3200	0.08188	304	0.27407	55	0.07294	146	963.0	5.5	2.974	104	0.09453	247
3300	0.08492	307	0.27462	55	0.07440	144	957.5	5.4	3.078	105	0.09700	245
3400	0.08799	309	0.27517	54	0.07584	142	952.1	5.4	3.183	105	0.09945	243
3500	0.09108	313	0.27571	53	0.07726	141	946.7	5.3	3.288	106	0.10188	240
3600	0.09421	315	0.27624	53	0.07867	139	941.4	5.2	3.394	107	0.10428	239
3700	0.09736	317	0.27677	52	0.08006	137	936.2	5.2	3.501	107	0.10667	237
3800	0.10053	321	0.27729	51	0.08143	136	931.0	5.1	3.608	108	0.10904	235
3900	0.10374	323	0.27780	51	0.08279	134	925.9	5.1	3.716	108	0.11139	232
4000	0.10697	326	0.27831	49	0.08413	132	920.8	5.0	3.824	109	0.11371	231
4100	0.11023	329	0.27880	49	0.08545	132	915.8	4.9	3.933	109	0.11602	230
4200	0.11352	332	0.27929	48	0.08677	131	910.9	4.9	4.042	110	0.11832	228
4300	0.11684	334	0.27977	47	0.08808	131	906.0	4.8	4.152	111	0.12060	227
4400	0.12018	337	0.28024	46	0.08939	130	901.2	4.8	4.263	111	0.12287	226
4500	0.12355	340	0.28072	46	0.09069	129	896.4	4.8	4.374	112	0.12513	223
4600	0.12695	342	0.28118	46	0.09198	129	891.6	4.7	4.486	112	0.12736	223
4700	0.13037	345	0.28164	46	0.09327	128	886.9	4.7	4.598	113	0.12959	221
4800	0.13382	348	0.28210	45	0.09455	127	882.2	4.6	4.711	114	0.13180	219
4900	0.13730	351	0.28255	44	0.09582	127	877.6	4.5	4.825	114	0.13399	218
5000	0.14081	353	0.28299	44	0.09709	126	873.1	4.5	4.939	115	0.13617	217

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TABLE II. $V=1{,}250f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.14081	353	0.28299	44	0.09709	126	873.1	4.5	4.939	115	0.13617	217
5100	0.14434	357	0.28343	44	0.09835	125	868.6	4.5	5.054	115	0.13834	216
5200	0.14791	359	0.28387	43	0 09960	125	864.1	4.4	5.169	116	0.14050	215
5300	0.15150	362	0.28430	43	0.10085	124	859.7	4.4	5.285	117	0.14265	213
5400	0.15512	365	0.28473	43	0.10209	123	855.3	4.3	5.402	117	0.14478	213
5500	0.15877	367	0.28516	42	0.10332	123	851.0	4.3	5.519	118	0.14691	212
5600	0.16244	371	0.28558	42	0.10455	123	846.7	4.2	5.637	118	0.14903	211
5700	0.16615	373	0.28600	42	0.10578	123	842.5	4.2	5.755	119	0.15114	209
5800	0.16988	376	0.28642	43	0.10701	122	838.3	4.1	5.874	120	0.15323	209
5900	0.17364	379	0.28683	41	0.10823	121	834.2	4.1	5.994	120	0.15532	207
6000	0.17743	382	0.28724	41	0.10944	121	830.1	4.1	6.114	121	0.15739	207
6100	0.18125	385	0.28765	41	0.11065	120	826.0	4.0	6.235	121	0.15946	206
6200	0.18510	387	0.28806	41	0.11185	119	822.0	4.0	6.356	122	0.16152	205
6300	0.18897	391	0.28847	41	0.11304	119	818.0	3.9	6.478	123	0.16357	205
6400	0.19288	393	0.28888	41	0.11423	118	814.1	3.9	6.601	123	0.16562	204
6500	0.19681	397	0.28929	41	0.11541	118	810.2	3.9	6.724	124	0.16766	203
6600	0.20078	399	0.28970	41	0.11659	117	806.3	3.9	6.848	124	0.16969	202
6700	0.20477	403	0.29011	40	0.11776	117	802.4	3.8	6.972	125	0.17171	201
6800	0.20880	405	0.29051	41	0.11893	116	798.6	3.8	7.097	126	0.17372	201
6900	0.21285	408	0.29092	40	0.12009	116	794.8	3.7	7.223	126	0.17573	200
7000	0.21693	411	0.29132	41	0.12125	115	791.1	3.7	7.349	127	0.17773	200
7100	0.22104	415	0.29173	41	0.12240	114	787.4	3.7	7.476	127	0.17973	198
7200	0.22519	417	0.29214	41	0.12354	114	783.7	3.6	7.603	128	0.18171	198
7300	0.22936	420	0.29255	41	0.12468	114	780.1	3.6	7.731	128	0.18369	198
7400	0.23356	423	0.29296	41	0.12582	114	776.5	3.6	7.859	129	0.18567	198
7500	0.23779	427	0.29337	41	0.12696	113	772.9	3.6	7.988	130	0.18765	196
7600	0.24206	429	0.29378	41	0.12809	113	769.3	3.6	8.118	130	0.18961	196
7700	0.24635	432	0.29419	41	0.12922	113	765.7	3.6	8.248	131	0.19157	195
7800	0.25067	436	0.29460	40	0.13035	113	762.1	3.6	8.379	132	0.19352	195
7900	0.25503	438	0.29500	41	0.13148	113	758.5	3.5	8.511	132	0.19547	194
8000	0.25941	442	0.29541	40	0.13261	112	755.0	3.5	8.643	133	0.19741	194
8100	0.26383	444	0.29581	40	0.13373	112	751.5	3.5	8.776	133	0.19935	193
8200	0.26827	448	0.29621	40	0.13485	113	748.0	3.5	8.909	134	0.20128	192
8300	0.27275	451	0.29661	40	0.13598	112	744.5	3.5	9.043	135	0.20320	192
8400	0.27726	454	0.29701	39	0.13710	112	741.0	3.5	9.178	135	0.20512	192
8500	0.28180	458	0.29740	40	0.13822	112	737.5	3.4	9.313	136	0.20704	191
8600	0.28638	460	0.29780	40	0.13934	113	734.1	3.4	9.449	137	0.20895	191
8700	0.29098	464	0.29820	39	0.14047	112	730.7	3.4	9.586	137	0.21086	191
8800	0.29562	467	0.29859	40	0.14159	112	727.3	3.4	9.723	138	0.21277	190
8900	0.30029	470	0.29899	39	0.14271	113	723.9	3.4	9.861	138	0.21467	189
9000	0.30499	474	0.29938	39	0.14384	112	720.5	3.3	9.999	139	0.21656	189
9100	0.30973	477	0.29977	39	0.14496	112	717.2	3.4	10.138	140	0.21845	189
9200	0.31450	480	0.30014	39	0.14608	113	713.8	3.3	10.278	140	0.22034	189
9300	0.31930	483	0.30053	39	0.14721	112	710.5	3.3	10.418	141	0.22223	188
9400	0.32413	487	0.30094	39	0.14833	113	707.2	3.3	10.559	142	0.22411	188
9500	0.32900	491	0.30133	39	0.14946	113	703.9	3.3	10.701	142	0.22599	188
9600	0.33391	494	0.30172	39	0.15059	113	700.6	3.3	10.843	143	0.22787	187
9700	0.33885	497	0.30211	39	0.15172	113	697.3	3.3	10.986	144	0.22974	187
9800	0.34382	500	0.30250	39	0.15285	113	694.0	3.2	11.130	145	0.23161	187
9900	0.34882	504	0.30289	39	0.15398	113	690.8	3.2	11.275	145	0.23348	186
10000	0.35386	507	0.30328	38	0.15511	113	687.6	3.2	11.420	146	0.23534	186

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TABLE II. $V=1{,}250$ *f. s.*—Continued.

$Z-\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.35386	507	0.30328	38	0.15511	113	687.6	32	11.420	146	0.23534	186
10100	0.35893	511	0.30366	39	0.15624	114	684.4	32	11.566	146	0.23720	186
10200	0.36404	515	0.30405	39	0.15738	113	681.2	32	11.712	147	0.23903	186
10300	0.36919	519	0.30444	39	0.15851	114	678.0	31	11.859	148	0.24092	186
10400	0.37438	522	0.30483	39	0.15965	114	674.9	32	12.007	148	0.24278	185
10500	0.37960	525	0.30522	39	0.16079	114	671.7	31	12.155	149	0.24463	185
10600	0.38485	529	0.30561	39	0.16193	114	668.6	31	12.304	150	0.24648	186
10700	0.39014	533	0.30600	39	0.16307	114	665.5	31	12.454	151	0 24834	185
10800	0.39547	537	0.30639	40	0.16421	115	662.4	31	12.605	151	0.25019	184
10900	0.40084	538	0.30679	38	0.16536	114	659.3	31	12.756	152	0.25203	185
11000	0.40622	544	0.30717	38	0.16650	115	656.2	31	12.908	153	0.25388	184
11100	0.41166	548	0.30755	36	0.16765	115	653.1	30	13.061	153	0.25572	184
11200	0.41714	551	0.30791	36	0.16880	115	650.1	30	13.214	154	0.25756	184
11300	0.42265	555	0.30827	36	0.16995	115	647.1	30	13.368	155	0.25940	184
11400	0.42820	559	0.30863	36	0.17110	116	644.0	31	13.523	156	0.26124	184
11500	0.43379	563	0.30899	37	0.17226	115	641.0	30	13.679	156	0.26308	184
11600	0.43942	567	0.30936	36	0.17341	115	638.0	29	13.835	157	0.26492	183
11700	0.44509	570	0.30972	37	0.17456	116	635.1	30	13.992	158	0.26675	184
11800	0.45079	573	0.31009	37	0.17572	115	632.1	30	14.150	159	0.26859	184
11900	0.45653	578	0.31046	37	0.17687	116	629.1	29	14.309	159	0.27043	183
12000	0.46231	582	0.31083	37	0.17803	115	626.2	29	14.468	160	0.27226	183
12100	0.46813	586	0.31120	38	0.17918	116	623.3	29	14.628	161	0.27409	183
12200	0.47399	591	0.31158	37	0.18034	115	620.4	29	14.789	161	0.27592	183
12300	0.47990	595	0.31195	38	0.18149	116	617.5	29	14.950	163	0.27775	183
12400	0.48585	599	0.31233	38	0.18265	116	614.6	29	15.113	163	0.27958	184
12500	0.49184	603	0.31271	38	0.18381	116	611.7	28	15.276	164	0.28142	183
12600	0.49787	607	0.31309	38	0.18497	116	608.9	29	15.440	164	0.28325	183
12700	0.50394	611	0.31347	39	0.18613	116	606.0	28	15.604	166	0.28508	183
12800	0.51005	615	0.31386	38	0.18729	117	603.2	28	15.770	166	0.28691	183
12900	0.51620	620	0.31424	39	0.18846	116	600.4	28	15.936	167	0.28874	183
13000	0.52240	624	0.31463	39	0.18962	117	597.6	28	16.103	168	0.29057	183
13100	0.52864	628	0.31502	39	0.19079	117	594.8	28	16.271	168	0.29240	183
13200	0.53492	633	0.31541	39	0.19196	117	592.0	27	16.439	170	0.29423	183
13300	0.54125	637	0.31580	40	0.19313	117	589.3	28	16.609	170	0.29606	183
13400	0.54762	642	0.31620	39	0.19430	117	586.5	27	16.779	171	0.29789	183
13500	0.55404	646	0.31659	40	0.19547	117	583.8	28	16.950	172	0.29972	182
13600	0.56050	651	0.31699	40	0.19664	117	581.0	27	17.122	172	0.30154	183
13700	0.56701	655	0.31739	40	0.19781	117	578.3	27	17.294	174	0.30337	183
13800	0.57356	659	0.31779	40	0.19898	118	575.6	27	17.468	174	0.30520	183
13900	0.58015	664	0.31819	40	0.20016	117	572.9	26	17.642	175	0.30703	183
14000	0.58679	668	0.31859	40	0.20133	118	570.3	27	17.817	176	0.30886	183
14100	0.59347	673	0.31899	41	0.20251	117	567.6	26	17.993	176	0.31069	183
14200	0.60020	678	0.31940	41	0.20368	118	565.0	27	18.169	178	0.31252	183
14300	0.60698	683	0.31981	41	0.20486	117	562.3	26	18.347	178	0.31435	183
14400	0.61381	687	0.32022	41	0.20603	118	559.7	26	18.525	179	0.31618	183
14500	0.62068	692	0.32063	41	0.20721	117	557.1	26	18.704	180	0.31801	183
14600	0.62760	697	0.32104	41	0.20838	118	554.5	26	18.884	181	0.31984	183
14700	0.63457	702	0.32145	42	0.20956	118	551.9	26	19.065	181	0.32167	183
14800	0.64159	707	0.32187	41	0.21074	117	549.3	25	19.246	183	0.32350	184
14900	0.64866	711	0.32228	42	0.21191	118	546.8	26	19.429	183	0.32534	183
15000	0.65577	716	0.32270	42	0.21309	118	544.2	25	19.612	184	0.32717	183

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TABLE II. *V=1,250 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.65577	716	0.32270	42	0.21309	118	544.2	25	19.612	184	0.32717	183
15100	0.66293	722	0.32312	42	0.21427	117	541.7	25	19.796	185	0.32900	184
15200	0.67015	727	0.32354	43	0.21544	118	539.2	26	19.981	186	0.33084	183
15300	0.67742	732	0.32397	42	0.21662	117	536.6	25	20.167	187	0.33267	184
15400	0.68474	737	0.32439	43	0.21779	118	534.1	25	20.354	188	0.33451	184
15500	0.69211	742	0.32482	42	0.21897	118	531.6	25	20.542	188	0.33635	184
15600	0.69953	747	0.32524	43	0.22015	118	529.1	24	20.730	189	0.33819	184
15700	0.70700	753	0.32567	42	0.22133	118	526.7	25	20.919	191	0.34003	184
15800	0.71453	757	0.32609	43	0.22251	118	524.2	24	21.110	191	0.34187	184
15900	0.72210	763	0.32652	43	0.22369	119	521.8	24	21.301	192	0.34371	184
16000	0.72973	768	0.32695	43	0.22488	119	519.4	25	21.493	193	0.34555	184
16100	0.73741	774	0.32738	44	0.22607	119	516.9	24	21.686	194	0.34739	185
16200	0.74515	779	0.32782	43	0.22726	119	514.5	24	21.880	194	0.34924	184
16300	0.75294	784	0.32825	43	0.22845	119	512.1	24	22.074	196	0.35108	185
16400	0.76078	790	0.32868	44	0.22964	118	509.7	23	22.270	197	0.35293	185
16500	0.76868	796	0.32912	43	0.23083	119	507.4	24	22.467	197	0.35478	185
16600	0.77664	802	0.32955	43	0.23201	119	505.0	24	22.664	199	0.35663	185
16700	0.78466	807	0.32998	43	0.23320	119	502.6	23	22.863	199	0.35848	185
16800	0.79273	812	0.33041	44	0.23439	119	500.3	23	23.062	201	0.36033	185
16900	0.80085	818	0.33085	43	0.23558	119	498.0	24	23.263	201	0.36218	185
17000	0.80903	824	0.33128	44	0.23677	119	495.6	23	23.464	202	0.36403	185
17100	0.81727	830	0.33172	43	0.23796	118	493.3	23	23.666	203	0.36588	185
17200	0.82557	835	0.33215	44	0.23914	119	491.0	23	23.869	204	0.36773	186
17300	0.83392	841	0.33259	43	0.24033	119	488.7	23	24.073	205	0.36959	185
17400	0.84233	847	0.33302	44	0.24152	118	486.4	22	24.278	206	0.37144	186
17500	0.85080	853	0.33346	43	0.24270	119	484.2	23	24.484	207	0.37330	186
17600	0.85933	860	0.33389	44	0.24389	119	481.9	22	24.691	208	0.37516	186
17700	0.86793	865	0.33433	43	0.24508	119	479.7	23	24.899	209	0.37702	186
17800	0.87658	871	0.33476	44	0.24627	119	477.4	22	25.108	210	0.37888	186
17900	0.88529	877	0.33520	43	0.24746	119	475.2	22	25.318	211	0.38074	187
18000	0.89406	883	0.33563	43	0.24865	120	473.0	22	25.529	212	0.38261	187
18100	0.90289	890	0.33606	44	0.24985	120	470.8	22	25.741	213	0.38448	187
18200	0.91179	896	0.33650	43	0.25105	119	468.6	22	25.954	214	0.38635	187
18300	0.92075	903	0.33693	44	0.25224	120	466.4	22	26.168	215	0.38822	187
18400	0.92978	909	0.33737	43	0.25344	119	464.2	21	26.383	217	0.39009	188
18500	0.93887	916	0.33780	44	0.25463	119	462.1	22	26.600	217	0.39197	187
18600	0.94803	922	0.33824	43	0.25582	119	459.9	21	26.817	218	0.39384	188
18700	0.95725	928	0.33867	44	0.25701	119	457.8	22	27.035	219	0.39572	188
18800	0.96653	935	0.33911	44	0.25820	119	455.6	21	27.254	220	0.39760	189
18900	0.97588	941	0.33955	44	0.25939	119	453.5	21	27.474	221	0.39949	188
19000	0.98529	948	0.33999	44	0.26058	118	451.4	21	27.695	222	0.40137	189
19100	0.99477	954	0.34043	44	0.26176	118	449.3	21	27.917	223	0.40326	188
19200	1.00431	962	0.34087	44	0.26294	119	447.2	21	28.140	224	0.40514	189
19300	1.01393	968	0.34131	45	0.26413	118	445.1	21	28.364	225	0.40703	189
19400	1.02361	976	0.34176	44	0.26531	118	443.0	20	28.589	227	0.40892	190
19500	1.03337	982	0.34220	44	0.26649	118	441.0	21	28.816	227	0.41082	189
19600	1.04319	990	0.34264	45	0.26767	119	438.9	21	29.043	228	0.41271	190
19700	1.05309	996	0.34309	45	0.26886	118	436.8	20	29.271	230	0.41461	190
19800	1.06305	1003	0.34354	44	0.27004	118	434.8	20	29.501	230	0.41651	191
19900	1.07308	1010	0.34398	45	0.27122	118	432.8	21	29.731	232	0.41842	190
20000	1.08318	1017	0.34443	45	0.27240	118	430.7	20	29.963	234	0.42032	191

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TABLE II. $V=1{,}500$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	v	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	192	0.25000	111	0.0000	36	1300.0	16.0	0.000	78	0.00000	368
100	0.00192	195	0.25111	109	0.0036	35	1284.0	15.6	0.078	78	0.00368	366
200	0.00387	198	0.25220	107	0.0071	36	1268.4	15.2	0.156	80	0.00734	362
300	0.00585	201	0.25327	105	0.0107	34	1253.2	14.8	0.236	80	0.01096	359
400	0.00786	205	0.25432	103	0.0141	34	1238.4	14.5	0.316	81	0.01455	357
500	0.00991	208	0.25535	100	0.0175	33	1223.9	13.9	0.397	83	0.01812	353
600	0.01199	212	0.25635	98	0.0208	32	1210.0	13.3	0.480	83	0.02165	350
700	0.01411	215	0.25733	96	0.0240	31	1196.7	12.7	0.563	83	0.02515	347
800	0.01626	218	0.25829	94	0.0271	30	1184.0	12.2	0.646	85	0.02862	345
900	0.01844	221	0.25923	92	0.0301	29	1171.8	11.7	0.731	86	0.03207	341
1000	0.02065	225	0.26015	91	0.0330	29	1160.1	11.3	0.817	87	0.03548	339
1100	0.02290	227	0.26106	89	0.0359	27	1148.8	10.8	0.904	87	0.03887	337
1200	0.02517	231	0.26195	88	0.0386	26	1138.0	10.4	0.991	89	0.04224	333
1300	0.02748	234	0.26283	87	0.0412	25	1127.6	10.1	1.080	89	0.04557	330
1400	0.02982	237	0.26370	86	0.0437	25	1117.5	9.7	1.169	90	0.04887	327
1500	0.03219	240	0.26456	84	0.0462	24	1107.8	9.4	1.259	90	0.05214	323
1600	0.03459	244	0.26540	82	0.0486	23	1098.4	9.1	1.349	91	0.05537	320
1700	0.03703	246	0.26622	80	0.0509	22	1089.3	8.7	1.440	92	0.05857	317
1800	0.03949	249	0.26702	78	0.0531	22	1080.6	8.5	1.532	93	0.06174	314
1900	0.04198	253	0.26780	76	0.0553	21	1072.1	8.3	1.625	94	0.06488	311
2000	0.04451	256	0.26856	74	0.0574	21	1063.8	8.0	1.719	95	0.06799	305
2100	0.04707	259	0.26930	74	0.0595	20	1055.8	7.7	1.814	95	0.07104	302
2200	0.04966	261	0.27004	72	0.0615	19	1048.1	7.6	1.909	95	0.07406	298
2300	0.05227	265	0.27076	71	0.0634	19	1040.5	7.3	2.004	97	0.07704	296
2400	0.05492	267	0.27147	69	0.0653	19	1033.2	7.1	2.101	97	0.08000	293
2500	0.05759	270	0.27216	67	0.0672	18	1026.1	6.9	2.198	98	0.08293	289
2600	0.06029	273	0.27283	66	0.0690	17	1019.2	6.8	2.296	98	0.08582	286
2700	0.06302	276	0.27349	65	0.0707	17	1012.4	6.6	2.394	99	0.08868	283
2800	0.06578	279	0.27414	63	0.0724	17	1005.8	6.4	2.493	100	0.09151	280
2900	0.06857	282	0.27477	61	0.0741	16	999.4	6.2	2.593	100	0.09431	276
3000	0.07139	285	0.27538	58	0.0757	16	993.2	6.1	2.693	101	0.09708	274
3100	0.07424	288	0.27596	55	0.0773	16	987.1	5.9	2.794	102	0.09982	271
3200	0.07712	290	0.27651	52	0.0789	15	981.2	5.8	2.896	102	0.10253	269
3300	0.08002	293	0.27703	49	0.0804	15	975.4	5.7	2.998	103	0.10522	267
3400	0.08295	296	0.27752	49	0.0819	14	969.7	5.6	3.101	103	0.10789	264
3500	0.08591	299	0.27801	49	0.0833	14	964.1	5.4	3.204	104	0.11053	261
3600	0.08890	301	0.27850	48	0.0847	14	958.7	5.5	3.308	105	0.11314	259
3700	0.09191	304	0.27898	48	0.0861	14	953.2	5.3	3.413	105	0.11573	256
3800	0.09495	307	0.27946	48	0.0875	14	947.9	5.4	3.518	106	0.11829	254
3900	0.09802	310	0.27994	48	0.0889	13	942.5	5.2	3.624	106	0.12083	251
4000	0.10112	313	0.28042	48	0.0902	13	937.3	5.2	3.730	107	0.12334	249
4100	0.10425	315	0.28090	48	0.0915	13	932.1	5.1	3.837	108	0.12583	248
4200	0.10740	318	0.28138	48	0.0928	13	927.0	5.1	3.945	108	0.12831	245
4300	0.11058	321	0.28186	48	0.0941	13	921.9	5.0	4.053	109	0.13076	244
4400	0.11379	323	0.28234	47	0.0954	13	916.9	5.0	4.162	109	0.13320	242
4500	0.11702	327	0.28281	47	0.0967	12	911.9	4.9	4.271	110	0.13562	240
4600	0.12029	329	0.28328	47	0.0979	13	907.0	4.9	4.381	111	0.13802	238
4700	0.12358	331	0.28375	47	0.0992	12	902.1	4.8	4.492	111	0.14040	236
4800	0.12689	335	0.28422	47	0.1004	13	897.3	4.7	4.603	112	0.14276	235
4900	0.13024	337	0.28469	46	0.1017	12	892.6	4.7	4.715	112	0.14511	232
5000	0.13361	340	0.28515	44	0.1029	12	887.9	4.6	4.827	113	0.14743	231

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TABLE II. $V=1{,}300\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.13361	340	0.28515	44	0.1023	12	887.9	4.6	4.827	113	0.14743	231
5100	0.13701	343	0.28559	43	0.1041	12	883.3	4.6	4.940	113	0.14974	230
5200	0.14044	345	0.28602	42	0.1053	13	878.7	4.5	5.053	114	0.15204	229
5300	0.14389	349	0.28644	42	0.1066	12	874.2	4.5	5.167	115	0.15433	227
5400	0.14738	351	0.28686	42	0.1078	12	869.7	4.5	5.282	115	0.15660	226
5500	0.15089	354	0.28728	42	0.1090	12	865.2	4.4	5.397	116	0.15886	225
5600	0.15443	357	0.28770	43	0.1102	12	860.8	4.4	5.513	116	0.16111	223
5700	0.15800	359	0.28813	43	0.1114	12	856.4	4.3	5.629	117	0.16334	221
5800	0.16159	363	0.28856	43	0.1126	11	852.1	4.3	5.746	118	0.16556	221
5900	0.16522	365	0.28899	43	0.1137	12	847.8	4.3	5.864	118	0.16777	219
6000	0.16887	368	0.28942	43	0.1149	12	843.5	4.2	5.982	119	0.16996	219
6100	0.17255	371	0.28985	43	0.1161	12	839.3	4.2	6.101	120	0.17215	217
6200	0.17626	374	0.29028	43	0.1173	11	835.1	4.1	6.221	120	0.17432	217
6300	0.18000	377	0.29071	43	0.1184	12	831.0	4.1	6.341	121	0.17649	216
6400	0.18377	379	0.29114	44	0.1196	11	826.9	4.1	6.462	121	0.17865	215
6500	0.18756	383	0.29158	44	0.1207	12	822.8	4.0	6.583	122	0.18080	213
6600	0.19139	385	0.29202	44	0.1219	11	818.8	3.9	6.705	122	0.18293	213
6700	0.19524	389	0.29246	44	0.1230	12	814.9	3.9	6.827	123	0.18506	212
6800	0.19913	391	0.29290	43	0.1242	11	811.0	3.9	6.950	124	0.18718	211
6900	0.20304	394	0.29333	43	0.1253	11	807.1	3.8	7.074	124	0.18929	210
7000	0.20698	397	0.29376	43	0.1264	12	803.3	3.8	7.198	125	0.19139	210
7100	0.21095	400	0.29419	42	0.1276	11	799.5	3.7	7.323	125	0.19348	209
7200	0.21495	403	0.29461	42	0.1287	11	795.8	3.8	7.448	126	0.19557	207
7300	0.21898	406	0.29503	41	0.1298	11	792.0	3.7	7.574	126	0.19764	207
7400	0.22304	409	0.29544	41	0.1309	11	788.3	3.7	7.700	127	0.19971	206
7500	0.22713	412	0.29585	41	0.1320	11	784.6	3.7	7.827	128	0.20177	206
7600	0.23125	415	0.29626	41	0.1331	11	780.9	3.6	7.955	128	0.20383	204
7700	0.23540	418	0.29667	41	0.1342	11	777.3	3.7	8.083	129	0.20587	204
7800	0.23958	421	0.29708	40	0.1353	11	773.6	3.6	8.212	130	0.20791	204
7900	0.24379	424	0.29748	40	0.1364	11	770.0	3.6	8.342	130	0.20995	202
8000	0.24803	427	0.29788	40	0.1375	11	766.4	3.6	8.472	131	0.21197	202
8100	0.25230	430	0.29828	40	0.1386	11	762.8	3.5	8.603	131	0.21399	201
8200	0.25660	433	0.29868	40	0.1397	11	759.3	3.6	8.734	132	0.21600	201
8300	0.26093	436	0.29908	40	0.1408	11	755.7	3.5	8.866	133	0.21801	200
8400	0.26529	440	0.29948	40	0.1419	10	752.2	3.5	8.999	133	0.22001	200
8500	0.26969	442	0.29988	40	0.1429	11	748.7	3.5	9.132	134	0.22201	199
8600	0.27411	446	0.30028	40	0.1440	11	745.2	3.5	9.266	135	0.22400	198
8700	0.27857	449	0.30068	39	0.1451	11	741.7	3.4	9.401	135	0.22598	198
8800	0.28306	452	0.30107	39	0.1462	11	738.3	3.5	9.536	136	0.22796	197
8900	0.28758	455	0.30146	39	0.1473	11	734.8	3.4	9.672	136	0.22993	197
9000	0.29213	458	0.30185	39	0.1484	10	731.4	3.4	9.808	137	0.23190	196
9100	0.29671	462	0.30224	38	0.1494	11	728.0	3.4	9.945	138	0.23386	196
9200	0.30133	465	0.30262	38	0.1505	11	724.6	3.4	10.083	138	0.23582	195
9300	0.30598	468	0.30300	38	0.1516	11	721.2	3.3	10.221	139	0.23777	195
9400	0.31066	471	0.30338	38	0.1527	11	717.9	3.4	10.360	140	0.23972	194
9500	0.31537	475	0.30376	38	0.1538	11	714.5	3.3	10.500	140	0.24166	194
9600	0.32012	478	0.30414	38	0.1549	11	711.2	3.3	10.640	141	0.24360	194
9700	0.32490	481	0.30452	38	0.1560	11	707.9	3.3	10.781	142	0.24554	193
9800	0.32971	485	0.30490	38	0.1571	11	704.6	3.3	10.923	142	0.24747	193
9900	0.33456	488	0.30528	38	0.1582	11	701.3	3.3	11.065	143	0.24940	192
10000	0.33944	491	0.30566	38	0.1593	11	698.0	3.3	11.208	144	0.25132	192

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TABLE II. $V=1{,}300$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.33944	491	0.30566	38	0.15930	109	698.0	33	11.208	144	0.25132	192
10100	0.34435	495	0.30604	38	0.16039	110	694.7	32	11.352	144	0.25324	192
10200	0.34930	498	0.30642	38	0.16149	110	691.5	32	11.496	144	0.25516	192
10300	0.35428	502	0.30680	38	0.16259	109	688.3	32	11.640	146	0.25708	191
10400	0.35930	505	0.30718	38	0.16368	110	685.1	32	11.786	146	0.25899	191
10500	0.36435	509	0.30756	38	0.16478	110	681.9	32	11.932	147	0.26090	191
10600	0.36944	513	0.30794	38	0.16588	111	678.7	32	12.079	148	0.26281	191
10700	0.37457	517	0.30832	38	0.16699	110	675.5	31	12.227	148	0.26472	191
10800	0.37974	520	0.30870	38	0.16809	110	672.4	32	12.375	149	0.26663	190
10900	0.38494	524	0.30908	38	0.16919	111	669.2	31	12.524	150	0.26853	190
11000	0.39018	526	0.30946	38	0.17030	110	666.1	31	12.674	150	0.27043	190
11100	0.39544	531	0.30984	38	0.17140	111	663.0	31	12.824	152	0.27233	189
11200	0.40075	534	0.31022	39	0.17251	111	659.9	31	12.976	152	0.27422	189
11300	0.40609	538	0.31061	38	0.17362	111	656.8	30	13.128	153	0.27611	189
11400	0.41147	542	0.31099	38	0.17473	111	653.8	31	13.281	153	0.27800	189
11500	0.41689	545	0.31137	38	0.17584	111	650.7	30	13.434	154	0.27989	189
11600	0.42234	550	0.31175	38	0.17695	112	647.7	30	13.588	155	0.28178	189
11700	0.42784	553	0.31213	39	0.17807	112	644.7	31	13.743	156	0.28367	188
11800	0.43337	557	0.31252	38	0.17919	112	641.6	30	13.899	156	0.28555	188
11900	0.43894	562	0.31290	38	0.18031	112	638.6	29	14.055	157	0.28743	188
12000	0.44456	563	0.31328	38	0.18143	113	635.7	30	14.212	158	0.28931	187
12100	0.45019	568	0.31366	38	0.18256	113	632.7	29	14.370	158	0.29118	188
12200	0.45587	572	0.31404	39	0.18369	113	629.8	30	14.528	160	0.29306	187
12300	0.46159	576	0.31443	38	0.18482	113	626.8	29	14.688	159	0.29493	187
12400	0.46735	580	0.31481	38	0.18595	114	623.9	29	14.847	161	0.29680	187
12500	0.47315	584	0.31519	39	0.18709	113	621.0	29	15.008	161	0.29867	187
12600	0.47899	589	0.31558	38	0.18822	114	618.1	29	15.169	163	0.30054	187
12700	0.48488	592	0.31596	39	0.18936	113	615.2	29	15.332	162	0.30241	187
12800	0.49080	598	0.31635	38	0.19049	114	612.3	28	15.494	164	0.30428	186
12900	0.49678	601	0.31673	39	0.19163	114	609.5	29	15.658	164	0.30614	187
13000	0.50279	605	0.31712	39	0.19277	114	606.6	28	15.822	165	0.30801	186
13100	0.50884	609	0.31751	39	0.19391	115	603.8	28	15.987	166	0.30987	186
13200	0.51493	613	0.31790	38	0.19506	114	601.0	28	16.153	167	0.31173	187
13300	0.52106	618	0.31828	39	0.19620	114	598.2	28	16.320	168	0.31360	186
13400	0.52724	621	0.31867	40	0.19734	115	595.4	28	16.488	169	0.31546	186
13500	0.53345	627	0.31907	39	0.19849	114	592.6	28	16.657	169	0.31732	186
13600	0.53972	631	0.31946	39	0.19963	115	589.8	27	16.826	170	0.31918	186
13700	0.54603	635	0.31985	39	0.20078	115	587.1	27	16.996	170	0.32104	187
13800	0.55238	639	0.32024	40	0.20193	114	584.4	28	17.166	172	0.32291	186
13900	0.55877	644	0.32064	39	0.20307	115	581.6	27	17.338	172	0.32477	186
14000	0.56521	648	0.32103	40	0.20422	115	578.9	27	17.510	173	0.32663	186
14100	0.57169	653	0.32143	39	0.20537	115	576.2	27	17.683	174	0.32849	187
14200	0.57822	657	0.32182	40	0.20652	115	573.5	27	17.857	174	0.33036	186
14300	0.58479	662	0.32222	40	0.20767	115	570.8	26	18.031	176	0.33222	186
14400	0.59141	667	0.32262	40	0.20882	115	568.2	27	18.207	176	0.33408	187
14500	0.59808	671	0.32302	40	0.20997	115	565.5	26	18.383	177	0.33595	186
14600	0.60479	675	0.32342	40	0.21112	116	562.9	26	18.560	178	0.33781	186
14700	0.61154	681	0.32382	40	0.21228	115	560.3	26	18.738	179	0.33967	186
14800	0.61835	685	0.32422	41	0.21343	115	557.7	26	18.917	179	0.34153	187
14900	0.62520	690	0.32463	40	0.21458	116	555.1	26	19.096	181	0.34340	186
15000	0.63210	695	0.32503	41	0.21574	116	552.5	26	19.277	182	0.34526	186

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TABLE II. $V=1{,}300$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.63210	695	0.32503	41	0.21574	116	552.5	26	19.277	182	0.34526	186
15100	0.63905	700	0.32544	40	0.21690	116	549.9	26	19.459	182	0.34712	187
15200	0.64605	704	0.32584	41	0.21806	115	547.3	25	19.641	183	0.34899	186
15300	0.65309	710	0.32625	41	0.21921	116	544.8	26	19.824	184	0.35085	186
15400	0.66019	715	0.32666	41	0.22037	116	542.2	25	20.008	185	0.35271	187
15500	0.66734	720	0.32707	40	0.22153	116	539.7	25	20.193	186	0.35458	186
15600	0.67454	725	0.32747	41	0.22269	116	537.2	25	20.379	187	0.35644	187
15700	0.68179	729	0.32788	42	0.22385	117	534.7	25	20.566	187	0.35831	187
15800	0.68908	735	0.32830	41	0.22502	116	532.2	25	20.753	189	0.36018	186
15900	0.69643	740	0.32871	41	0.22618	116	529.7	25	20.942	189	0.36204	187
16000	0.70383	745	0.32912	41	0.22734	116	527.2	24	21.131	190	0.36391	187
16100	0.71128	750	0.32953	42	0.22850	117	524.8	25	21.321	191	0.36578	186
16200	0.71878	756	0.32995	41	0.22967	116	522.3	24	21.512	192	0.36764	187
16300	0.72634	761	0.33036	42	0.23083	117	519.9	24	21.704	193	0.36951	187
16400	0.73395	767	0.33078	42	0.23200	116	517.5	24	21.897	194	0.37138	187
16500	0.74162	771	0.33120	41	0.23316	117	515.1	24	22.091	194	0.37325	187
16600	0.74933	777	0.33161	42	0.23433	117	512.7	24	22.285	196	0.37512	187
16700	0.75710	783	0.33203	42	0.23550	116	510.3	24	22.481	196	0.37699	187
16800	0.76493	788	0.33245	42	0.23666	117	507.9	24	22.677	198	0.37886	188
16900	0.77281	793	0.33287	42	0.23783	117	505.5	24	22.875	198	0.38074	187
17000	0.78074	799	0.33329	42	0.23900	117	503.1	23	23.073	199	0.38261	188
17100	0.78873	804	0.33371	42	0.24017	117	500.8	23	23.272	200	0.38449	187
17200	0.79677	811	0.33413	42	0.24134	117	498.5	24	23.472	201	0.38636	188
17300	0.80488	816	0.33455	42	0.24251	117	496.1	23	23.673	202	0.38824	188
17400	0.81304	822	0.33497	43	0.24368	117	493.8	23	23.875	203	0.39012	188
17500	0.82126	827	0.33540	42	0.24485	117	491.5	23	24.078	204	0.39200	188
17600	0.82953	834	0.33582	42	0.24602	117	489.2	23	24.282	205	0.39388	188
17700	0.83787	839	0.33624	43	0.24719	117	486.9	22	24.487	205	0.39576	188
17800	0.84626	845	0.33667	42	0.24836	117	484.7	23	24.692	207	0.39764	189
17900	0.85471	851	0.33709	43	0.24953	117	482.4	22	24.899	208	0.39953	188
18000	0.86322	857	0.33752	43	0.25070	117	480.2	23	25.107	209	0.40141	189
18100	0.87179	863	0.33795	42	0.25187	117	477.9	22	25.316	210	0.40330	188
18200	0.88042	869	0.33837	43	0.25304	117	475.7	22	25.526	210	0.40518	189
18300	0.88911	876	0.33880	43	0.25421	117	473.5	22	25.736	212	0.40707	189
18400	0.89787	882	0.33923	43	0.25538	117	471.3	22	25.948	213	0.40896	189
18500	0.90669	887	0.33966	43	0.25655	117	469.1	22	26.161	214	0.41085	189
18600	0.91556	895	0.34009	43	0.25772	117	466.9	22	26.375	215	0.41274	189
18700	0.92451	900	0.34052	43	0.25889	117	464.7	22	26.590	215	0.41463	190
18800	0.93351	907	0.34095	43	0.26006	117	462.5	21	26.805	217	0.41653	189
18900	0.94258	913	0.34138	43	0.26123	117	460.4	22	27.022	218	0.41842	190
19000	0.95171	920	0.34181	43	0.26240	117	458.2	21	27.240	219	0.42032	190
19100	0.96091	926	0.34224	44	0.26357	117	456.1	22	27.459	219	0.42222	189
19200	0.97017	933	0.34268	43	0.26474	118	453.9	21	27.678	221	0.42411	190
19300	0.97950	940	0.34311	43	0.26592	117	451.8	21	27.899	222	0.42601	190
19400	0.98890	946	0.34354	44	0.26709	117	449.7	21	28.121	223	0.42791	190
19500	0.99836	953	0.34398	43	0.26826	117	447.6	21	28.344	223	0.42981	191
19600	1.00789	961	0.34441	44	0.26943	117	445.5	20	28.567	225	0.43172	190
19700	1.01750	966	0.34485	44	0.27060	118	443.5	21	28.792	227	0.43362	191
19800	1.02716	974	0.34529	43	0.27178	117	441.4	21	29.019	227	0.43553	191
19900	1.03690	980	0.34572	44	0.27295	117	439.3	20	29.246	228	0.43744	191
20000	1.04670	987	0.34616	44	0.27412	117	437.3	20	29.474	229	0.43935	191

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TABLE II. $V=1{,}550$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	178	0.25000	119	0.00000	260	1350.0	170	0.000	76	0.00000	382
100	0.00178	181	0.25119	116	0.00260	272	1333.0	167	0.076	76	0.00382	379
200	0.00359	184	0.25235	113	0.00532	284	1316.3	163	0.152	77	0.00761	377
300	0.00543	187	0.25348	111	0.00816	297	1300.0	160	0.229	78	0.01138	374
400	0.00730	191	0.25459	109	0.01113	310	1284.0	157	0.307	79	0.01512	372
500	0.00921	194	0.25568	107	0.01423	323	1268.3	153	0.386	80	0.01884	370
600	0.01115	197	0.25675	104	0.01746	336	1253.0	150	0.466	81	0.02254	367
700	0.01312	200	0.25779	101	0.02082	349	1238.0	145	0.547	81	0.02621	365
800	0.01512	203	0.25880	99	0.02431	360	1223.5	139	0.628	82	0.02986	363
900	0.01715	207	0.25979	96	0.02791	369	1209.6	133	0.710	83	0.03349	360
1000	0.01922	210	0.26075	94	0.03160	370	1196.3	128	0.793	84	0.03709	359
1100	0.02132	212	0.26169	93	0.03530	364	1183.5	122	0.877	84	0.04068	357
1200	0.02344	216	0.26262	92	0.03894	351	1171.3	117	0.961	85	0.04425	354
1300	0.02560	219	0.26354	91	0.04245	333	1159.6	112	1.046	86	0.04779	352
1400	0.02779	223	0.26445	90	0.04578	315	1148.4	108	1.132	87	0.05131	349
1500	0.03002	226	0.26535	88	0.04893	297	1137.6	105	1.219	88	0.05480	346
1600	0.03228	229	0.26623	87	0.05190	280	1127.1	101	1.307	89	0.05826	343
1700	0.03457	232	0.26710	86	0.05470	264	1117.0	97	1.396	89	0.06169	340
1800	0.03689	236	0.26796	85	0.05734	246	1107.3	93	1.485	91	0.06509	337
1900	0.03925	239	0.26881	84	0.05980	230	1098.0	90	1.576	91	0.06846	335
2000	0.04164	242	0.26965	82	0.06210	220	1089.0	89	1.667	92	0.07181	331
2100	0.04406	245	0.27047	80	0.06430	214	1080.1	86	1.759	93	0.07512	328
2200	0.04651	247	0.27127	78	0.06644	209	1071.5	83	1.852	94	0.07840	325
2300	0.04898	251	0.27205	76	0.06853	204	1063.2	80	1.946	94	0.08165	321
2400	0.05149	254	0.27281	74	0.07057	199	1055.2	77	2.040	95	0.08486	318
2500	0.05403	257	0.27355	72	0.07256	193	1047.5	74	2.135	96	0.08804	315
2600	0.05660	260	0.27427	70	0.07449	186	1040.1	72	2.231	97	0.09119	312
2700	0.05920	263	0.27497	69	0.07635	180	1032.9	70	2.328	97	0.09431	308
2800	0.06183	266	0.27566	68	0.07815	175	1025.9	68	2.425	98	0.09739	305
2900	0.06449	269	0.27634	66	0.07990	170	1019.1	66	2.523	98	0.10044	302
3000	0.06718	272	0.27700	64	0.08160	165	1012.5	65	2.621	99	0.10346	298
3100	0.06990	275	0.27764	63	0.08325	160	1006.0	63	2.720	100	0.10644	295
3200	0.07265	278	0.27827	62	0.08485	155	999.7	61	2.820	100	0.10939	292
3300	0.07543	280	0.27889	61	0.08640	153	993.6	59	2.920	101	0.11231	289
3400	0.07823	283	0.27950	60	0.08793	151	987.7	59	3.021	102	0.11520	286
3500	0.08106	286	0.28010	58	0.08944	148	981.8	59	3.123	102	0.11806	283
3600	0.08392	289	0.28068	57	0.09092	145	975.9	58	3.225	103	0.12089	280
3700	0.08681	292	0.28125	56	0.09237	142	970.1	57	3.328	103	0.12369	277
3800	0.08973	294	0.28181	55	0.09379	138	964.4	56	3.431	104	0.12646	274
3900	0.09267	297	0.28236	55	0.09517	133	958.8	55	3.535	105	0.12920	272
4000	0.09564	300	0.28291	54	0.09650	130	953.3	54	3.640	105	0.13192	269
4100	0.09864	303	0.28345	54	0.09780	128	947.9	53	3.745	106	0.13461	266
4200	0.10167	305	0.28399	54	0.09908	126	942.6	53	3.851	107	0.13727	263
4300	0.10472	308	0.28453	53	0.10034	125	937.3	52	3.958	107	0.13990	261
4400	0.10780	311	0.28506	53	0.10159	125	932.1	51	4.065	107	0.14251	259
4500	0.11091	313	0.28559	53	0.10284	124	927.0	50	4.172	108	0.14510	257
4600	0.11404	317	0.28612	52	0.10408	124	922.0	50	4.280	109	0.14767	255
4700	0.11721	319	0.28664	51	0.10532	123	917.0	50	4.389	110	0.15022	253
4800	0.12040	322	0.28715	50	0.10655	123	912.0	50	4.499	110	0.15275	250
4900	0.12362	325	0.28765	48	0.10778	122	907.0	50	4.609	110	0.15525	248
5000	0.12687	328	0.28813	46	0.10900	120	902.0	50	4.719	111	0.15773	247

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TABLE II. $V=1{,}950$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.12687	328	0.28813	46	0.10900	120	902.0	50	4.719	111	0.15773	247
5100	0.13015	330	0.28859	46	0.11020	120	897.0	50	4.830	112	0.16020	245
5200	0.13345	333	0.28905	45	0.11140	120	892.0	50	4.942	112	0.16265	244
5300	0.13678	336	0.28950	45	0.11260	119	887.0	49	5.054	113	0.16509	242
5400	0.14014	339	0.28995	44	0.11379	118	882.1	48	5.167	114	0.16751	240
5500	0.14353	342	0.29039	43	0.11497	117	877.3	47	5.281	115	0.16991	239
5600	0.14695	344	0.29082	42	0.11614	116	872.6	46	5.395	115	0.17230	237
5700	0.15039	347	0.29124	42	0.11730	115	868.0	44	5.510	115	0.17467	236
5800	0.15386	349	0.29166	41	0.11845	115	863.6	43	5.625	116	0.17703	234
5900	0.15735	353	0.29207	41	0.11960	114	859.3	42	5.741	116	0.17937	232
6000	0.16088	355	0.29248	40	0.12074	113	855.1	41	5.857	117	0.18169	231
6100	0.16443	359	0.29288	40	0.12187	112	851.0	40	5.974	118	0.18400	230
6200	0.16802	361	0.29328	40	0.12299	111	847.0	40	6.092	118	0.18630	229
6300	0.17163	364	0.29360	39	0.12410	110	843.0	40	6.210	119	0.18859	228
6400	0.17527	367	0.29407	39	0.12520	110	839.0	40	6.329	119	0.19087	227
6500	0.17894	370	0.29446	39	0.12630	110	835.0	40	6.448	120	0.19314	225
6600	0.18264	373	0.29485	39	0.12740	110	831.0	40	6.568	121	0.19539	224
6700	0.18637	375	0.29524	39	0.12850	110	827.0	40	6.689	121	0.19763	222
6800	0.19012	378	0.29563	38	0.12960	110	823.0	40	6.810	122	0.19985	222
6900	0.19390	381	0.29601	38	0.13070	110	819.0	40	6.932	122	0.20207	220
7000	0.19771	384	0.29639	39	0.13180	110	815.0	40	7.054	123	0.20427	219
7100	0.20155	387	0.29678	39	0.13290	110	811.0	40	7.177	124	0.20646	219
7200	0.20542	390	0.29717	39	0.13400	110	807.0	40	7.301	124	0.20865	218
7300	0.20932	393	0.29756	40	0.13510	110	803.0	40	7.425	125	0.21083	216
7400	0.21325	396	0.29796	40	0.13620	110	799.0	40	7.550	125	0.21299	216
7500	0.21721	398	0.29836	40	0.13730	110	795.0	39	7.675	126	0.21515	215
7600	0.22119	402	0.29876	40	0.13840	110	791.1	39	7.801	127	0.21730	214
7700	0.22521	405	0.29916	40	0.13950	109	787.2	38	7.928	127	0.21944	213
7800	0.22926	407	0.29956	40	0.14059	108	783.4	37	8.055	128	0.22157	212
7900	0.23333	411	0.29996	41	0.14167	107	779.7	36	8.183	128	0.22369	211
8000	0.23744	414	0.30037	40	0.14274	107	776.1	35	8.311	129	0.22580	211
8100	0.24158	416	0.30077	39	0.14381	106	772.6	34	8.440	129	0.22791	210
8200	0.24574	420	0.30116	39	0.14487	105	769.2	34	8.569	130	0.23001	209
8300	0.24994	423	0.30155	39	0.14592	104	765.8	34	8.699	131	0.23210	209
8400	0.25417	426	0.30194	39	0.14696	104	762.4	34	8.830	131	0.23419	208
8500	0.25843	429	0.30233	38	0.14800	104	759.0	34	8.961	132	0.23627	207
8600	0.26272	432	0.30271	38	0.14904	104	755.6	34	9.093	133	0.23834	206
8700	0.26704	435	0.30309	38	0.15008	104	752.2	34	9.226	133	0.24040	206
8800	0.27139	439	0.30347	38	0.15112	104	748.8	34	9.359	134	0.24246	205
8900	0.27578	441	0.30385	37	0.15216	105	745.4	34	9.493	135	0.24451	204
9000	0.28019	444	0.30422	37	0.15321	104	742.0	34	9.628	135	0.24655	204
9100	0.28463	448	0.30459	37	0.15425	105	738.6	34	9.763	136	0.24859	203
9200	0.28911	451	0.30496	37	0.15530	105	735.2	34	9.899	137	0.25062	203
9300	0.29362	454	0.30533	37	0.15635	105	731.8	34	10.036	137	0.25265	202
9400	0.29816	458	0.30570	38	0.15740	105	728.4	34	10.173	138	0.25467	202
9500	0.30274	460	0.30608	37	0.15845	105	725.0	34	10.311	138	0.25669	201
9600	0.30734	464	0.30645	37	0.15950	105	721.6	34	10.449	139	0.25870	200
9700	0.31198	467	0.30682	37	0.16065	105	718.2	34	10.588	140	0.26070	200
9800	0.31665	470	0.30719	37	0.16160	105	714.8	34	10.728	140	0.26270	199
9900	0.32135	474	0.30756	37	0.16265	105	711.4	34	10.868	141	0.26469	199
10000	0.32609	477	0.30793	37	0.16370	106	708.0	34	11.009	142	0.26668	198

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TABLE II. *V=1,350 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	T'	Δ	*log Q*	Δ
10000	0.32809	477	0.30793	37	0.16370	106	708.0	3.4	11.009	142	0.26668	198
10100	0.33086	480	0.30830	37	0.16476	106	704.6	3.3	11.151	142	0.26866	198
10200	0.33566	484	0.30867	37	0.16582	105	701.3	3.3	11.293	143	0.27064	198
10300	0.34050	487	0.30904	37	0.16687	106	698.0	3.3	11.436	144	0.27262	197
10400	0.34537	491	0.30941	38	0.16793	107	694.7	3.3	11.580	144	0.27459	197
10500	0.35028	494	0.30979	37	0.16900	106	691.4	3.2	11.724	145	0.27656	197
10600	0.35522	497	0.31016	37	0.17006	106	688.2	3.2	11.869	145	0.27853	196
10700	0.36019	501	0.31053	37	0.17112	107	685.0	3.2	12.014	146	0.28049	196
10800	0.36520	505	0.31090	37	0.17219	106	681.8	3.2	12.160	147	0.28245	196
10900	0.37025	508	0.31127	37	0.17325	107	678.6	3.2	12.307	148	0.28441	195
11000	0.37533	511	0.31164	37	0.17432	107	675.4	3.2	12.455	148	0.28636	195
11100	0.38044	515	0.31201	38	0.17539	108	672.2	3.1	12.603	149	0.28831	194
11200	0.38559	519	0.31239	37	0.17647	107	669.1	3.1	12.752	150	0.29025	194
11300	0.39078	523	0.31276	38	0.17754	108	666.0	3.1	12.902	151	0.29219	194
11400	0.39601	526	0.31314	37	0.17862	108	662.9	3.1	13.053	151	0.29413	194
11500	0.40127	530	0.31351	37	0.17970	108	659.8	3.1	13.204	152	0.29607	193
11600	0.40657	533	0.31388	38	0.18078	108	656.7	3.1	13.356	153	0.29800	193
11700	0.41190	537	0.31426	37	0.18186	109	653.6	3.0	13.509	153	0.29993	193
11800	0.41727	541	0.31463	38	0.18295	108	650.6	3.0	13.662	154	0.30186	193
11900	0.42268	545	0.31501	37	0.18403	109	647.6	3.0	13.816	155	0.30379	193
12000	0.42813	548	0.31538	38	0.18512	109	644.6	3.0	13.971	155	0.30572	192
12100	0.43361	552	0.31576	37	0.18621	110	641.6	3.0	14.126	156	0.30764	192
12200	0.43913	556	0.31613	38	0.18731	110	638.6	3.0	14.282	157	0.30956	192
12300	0.44469	560	0.31651	38	0.18841	110	635.6	3.0	14.439	158	0.31148	192
12400	0.45029	564	0.31689	38	0.18951	110	632.6	3.0	14.597	159	0.31340	192
12500	0.45593	568	0.31727	37	0.18961	110	629.6	2.9	14.756	159	0.31532	191
12600	0.46161	571	0.31764	38	0.19071	110	626.7	2.9	14.915	160	0.31723	191
12700	0.46732	575	0.31802	38	0.19281	111	623.8	2.9	15.075	161	0.31914	191
12800	0.47307	579	0.31840	37	0.19392	111	620.9	2.9	15.236	161	0.32105	191
12900	0.47886	583	0.31877	38	0.19503	111	618.0	2.9	15.397	162	0.32296	191
13000	0.48469	588	0.31915	38	0.19614	111	615.1	2.9	15.559	163	0.32487	191
13100	0.49057	592	0.31953	38	0.19725	111	612.2	2.9	15.722	164	0.32678	190
13200	0.49649	596	0.31991	37	0.19836	111	609.3	2.8	15.886	165	0.32868	190
13300	0.50245	600	0.32028	38	0.19947	111	606.5	2.8	16.051	165	0.33058	190
13400	0.50845	604	0.32066	38	0.20058	112	603.7	2.8	16.216	166	0.33248	190
13500	0.51449	608	0.32104	38	0.20170	111	600.9	2.8	16.382	167	0.33438	190
13600	0.52057	613	0.32142	38	0.20281	112	598.1	2.8	16.549	168	0.33628	190
13700	0.52670	617	0.32180	39	0.20393	112	595.3	2.8	16.717	168	0.33818	190
13800	0.53287	621	0.32219	38	0.20505	112	592.5	2.8	16.885	169	0.34008	190
13900	0.53908	626	0.32257	38	0.20617	112	589.7	2.7	17.054	170	0.34198	190
14000	0.54534	630	0.32295	38	0.20729	112	587.0	2.7	17.224	171	0.34388	190
14100	0.55164	634	0.32333	39	0.20841	113	584.3	2.7	17.395	172	0.34578	189
14200	0.55798	639	0.32372	38	0.20954	112	581.6	2.7	17.567	172	0.34767	190
14300	0.56437	643	0.32410	38	0.21066	112	578.9	2.7	17.739	173	0.34957	189
14400	0.57080	648	0.32448	39	0.21178	113	576.2	2.7	17.912	174	0.35146	190
14500	0.57728	653	0.32487	39	0.21291	113	573.5	2.7	18.086	175	0.35336	189
14600	0.58381	657	0.32526	38	0.21404	113	570.8	2.7	18.261	176	0.35525	190
14700	0.59038	661	0.32564	39	0.21517	113	568.1	2.6	18.437	176	0.35715	189
14800	0.59699	666	0.32603	39	0.21630	113	565.5	2.7	18.613	177	0.35904	190
14900	0.60365	671	0.32642	39	0.21743	113	562.8	2.6	18.790	178	0.36094	189
15000	0.61036	675	0.32681	39	0.21856	113	560.2	2.6	18.968	179	0.36283	189

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TABLE II. *V=1,350 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.61036	675	0.32681	39	0.21856	11.3	560.2	2.6	18.968	179	0.36283	189
15100	0.61711	680	0.32720	39	0.21969	11.4	557.6	2.6	19.147	180	0.36472	190
15200	0.62391	685	0.32759	39	0.22083	11.3	555.0	2.6	19.327	180	0.36662	189
15300	0.63076	690	0.32798	40	0.22196	11.4	552.4	2.6	19.507	181	0.36851	190
15400	0.63766	695	0.32838	40	0.22310	11.4	549.8	2.5	19.688	183	0.37041	189
15500	0.64461	700	0.32877	40	0.22424	11.3	547.3	2.6	19.871	183	0.37230	189
15600	0.65161	704	0.32916	40	0.22537	11.4	544.7	2.5	20.054	184	0.37419	190
15700	0.65865	709	0.32956	40	0.22651	11.4	542.2	2.6	20.238	185	0.37609	189
15800	0.66574	714	0.32996	39	0.22765	11.4	539.6	2.5	20.423	186	0.37798	190
15900	0.67288	719	0.33035	40	0.22879	11.4	537.1	2.5	20.609	186	0.37988	189
16000	0.68007	724	0.33075	40	0.22993	11.4	534.6	2.5	20.795	187	0.38177	189
16100	0.68731	729	0.33115	40	0.23107	11.4	532.1	2.5	20.982	189	0.38366	190
16200	0.69460	735	0.33155	40	0.23221	11.4	529.6	2.6	21.171	189	0.38556	189
16300	0.70195	740	0.33195	40	0.23335	11.4	527.2	2.5	21.360	190	0.38745	190
16400	0.70935	745	0.33235	41	0.23449	11.5	524.7	2.4	21.550	191	0.38935	190
16500	0.71680	750	0.33276	40	0.23564	11.4	522.3	2.5	21.741	192	0.39125	189
16600	0.72430	756	0.33316	40	0.23678	11.4	519.8	2.4	21.933	193	0.39314	190
16700	0.73186	761	0.33356	41	0.23792	11.5	517.4	2.4	22.126	193	0.39504	190
16800	0.73947	766	0.33397	40	0.23907	11.4	515.0	2.4	22.319	195	0.39694	190
16900	0.74713	771	0.33437	41	0.24021	11.5	512.6	2.4	22.514	196	0.39884	190
17000	0.75484	777	0.33478	41	0.24136	11.5	510.2	2.4	22.710	197	0.40074	190
17100	0.76261	782	0.33519	41	0.24251	11.4	507.8	2.3	22.907	197	0.40264	190
17200	0.77043	788	0.33560	41	0.24365	11.5	505.5	2.4	23.104	198	0.40454	190
17300	0.77831	793	0.33601	41	0.24480	11.5	503.1	2.4	23.302	199	0.40644	190
17400	0.78624	799	0.33642	41	0.24595	11.5	500.7	2.3	23.501	200	0.40834	191
17500	0.79423	804	0.33683	41	0.24710	11.5	498.4	2.3	23.701	201	0.41025	190
17600	0.80227	810	0.33724	41	0.24825	11.5	496.1	2.3	23.902	203	0.41215	190
17700	0.81037	816	0.33765	41	0.24940	11.5	493.8	2.3	24.105	203	0.41405	191
17800	0.81853	822	0.33806	42	0.25055	11.5	491.5	2.3	24.308	204	0.41596	190
17900	0.82675	827	0.33848	41	0.25170	11.5	489.2	2.3	24.512	205	0.41786	191
18000	0.83502	833	0.33889	41	0.25285	11.5	486.9	2.3	24.717	206	0.41977	191
18100	0.84335	839	0.33930	42	0.25400	11.4	484.6	2.2	24.923	206	0.42168	190
18200	0.85174	845	0.33972	42	0.25516	11.5	482.4	2.3	25.129	208	0.42358	191
18300	0.86019	851	0.34014	41	0.25631	11.5	480.1	2.3	25.337	209	0.42549	191
18400	0.86870	857	0.34055	42	0.25746	11.6	477.8	2.2	25.546	210	0.42740	191
18500	0.87727	863	0.34097	42	0.25862	11.5	475.6	2.2	25.756	211	0.42931	191
18600	0.88590	870	0.34139	42	0.25977	11.5	473.4	2.2	25.967	212	0.43122	192
18700	0.89460	876	0.34181	42	0.26092	11.5	471.2	2.2	26.179	213	0.43314	191
18800	0.90336	881	0.34223	42	0.26207	11.6	469.0	2.2	26.392	214	0.43505	191
18900	0.91217	888	0.34265	42	0.26323	11.5	466.8	2.2	26.606	214	0.43696	192
19000	0.92105	894	0.34307	42	0.26438	11.6	464.6	2.2	26.820	215	0.43888	192
19100	0.92999	901	0.34349	43	0.26554	11.5	462.4	2.1	27.035	217	0.44080	191
19200	0.93900	907	0.34392	42	0.26669	11.6	460.3	2.2	27.252	218	0.44271	192
19300	0.94807	914	0.34434	43	0.26785	11.5	458.1	2.1	27.470	219	0.44463	192
19400	0.95721	920	0.34477	42	0.26900	11.6	456.0	2.1	27.689	220	0.44655	192
19500	0.96641	927	0.34519	43	0.27016	11.5	453.9	2.2	27.909	221	0.44847	192
19600	0.97568	933	0.34562	43	0.27131	11.6	451.7	2.1	28.130	221	0.45039	192
19700	0.98501	940	0.34605	42	0.27247	11.5	449.6	2.0	28.351	223	0.45231	193
19800	0.99441	946	0.34647	43	0.27362	11.6	447.6	2.1	28.574	224	0.45424	192
19900	1.00387	953	0.34690	43	0.27478	11.5	445.5	2.1	28.798	225	0.45616	193
20000	1.01340	960	0.34733	43	0.27593	11.6	443.4	2.0	29.023	226	0.45809	193

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TABLE II. $V=1{,}400$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	164	0.25000	125	0.00000	411	1400.0	187	0.000	72	0.00000	383
100	0.00164	168	0.25125	123	0.00411	431	1381.3	182	0.072	72	0.00383	383
200	0.00332	172	0.25248	121	0.00842	381	1363.1	177	0.144	74	0.00766	382
300	0.00504	175	0.25369	119	0.01223	361	1345.4	173	0.218	75	0.01148	381
400	0.00679	178	0.25488	117	0.01584	351	1328.1	167	0.293	75	0.01529	381
500	0.00857	180	0.25605	115	0.01935	341	1311.4	163	0.368	77	0.01910	380
600	0.01037	184	0.25720	113	0.02276	341	1295.1	157	0.445	78	0.02290	379
700	0.01221	186	0.25833	111	0.02617	341	1279.4	153	0.523	79	0.02669	379
800	0.01407	190	0.25944	109	0.02958	346	1264.1	148	0.602	79	0.03048	378
900	0.01597	194	0.26053	107	0.03304	346	1249.3	143	0.681	81	0.03426	378
1000	0.01791	197	0.26160	104	0.03650	341	1235.0	138	0.762	82	0.03804	378
1100	0 01988	199	0.26264	101	0.03991	331	1211.2	135	0.844	82	0.04182	377
1200	0.02187	203	0.26365	98	0.04322	321	1207.7	130	0.926	84	0.04559	376
1300	0.02390	207	0.26463	95	0.04643	311	1194.7	126	1.010	84	0.04935	374
1400	0.02597	209	0.26558	92	0.04954	301	1182.1	122	1.094	85	0.05309	372
1500	0.02806	213	0.26650	90	0.05255	289	1169.9	118	1.179	86	0.05681	371
1600	0.03019	216	0.26740	88	0.05544	379	1158.1	114	1.265	87	0.06052	369
1700	0.03235	219	0.26828	87	0.05823	269	1146.7	110	1.352	87	0.06421	368
1800	0.03454	222	0.26915	86	0.06092	259	1135.7	105	1.439	89	0.06789	366
1900	0.03676	226	0.27001	85	0.06351	249	1125.2	102	1.528	89	0.07155	365
2000	0.03902	229	0.27086	85	0.06600	241	1115.0	97	1.617	90	0.07520	362
2100	0.04131	232	0.27161	84	0.06841	234	1105.3	93	1.707	91	0.07882	356
2200	0.04363	234	0.27255	84	0.07075	227	1096.0	89	1.798	92	0.08238	351
2300	0.04597	238	0.27339	83	0.07302	221	1087.1	87	1.890	92	0.08589	346
2400	0.04835	241	0.27422	83	0.07523	213	1078.4	84	1.982	93	0.08935	341
2500	0.05076	244	0.27505	82	0.07736	207	1070.0	81	2.075	94	0.09276	335
2600	0.05320	247	0.27587	81	0.07943	199	1061.9	79	2.169	94	0.09611	331
2700	0.05567	251	0.27668	79	0.08142	193	1054.0	76	2.263	95	0.09942	325
2800	0.05818	253	0.27747	77	0.08335	186	1046.4	73	2.358	96	0.10267	320
2900	0.06071	256	0.27824	76	0.08521	179	1039.1	71	2.454	97	0.10587	315
3000	0.06327	259	0.27900	75	0.08700	176	1032.0	71	2.551	98	0.10902	312
3100	0.06586	263	0.27975	72	0.08876	172	1024.9	70	2.649	98	0.11214	311
3200	0.06849	265	0.28047	69	0.09048	167	1017.9	68	2.747	98	0.11525	309
3300	0.07114	268	0.28116	67	0.09215	163	1011.1	66	2.845	100	0.11834	308
3400	0.07382	271	0.28183	65	0.09378	160	1004.5	65	2.945	100	0.12142	306
3500	0.07653	273	0.28248	64	0.09538	154	998.0	63	3.045	100	0.12448	304
3600	0.07926	277	0.28312	63	0.09692	151	991.7	62	3.145	101	0.12752	303
3700	0.08203	279	0.28375	62	0.09843	147	985.5	60	3.246	102	0.13055	301
3800	0.08482	283	0.28437	61	0.09990	142	979.5	58	3.348	102	0.13356	299
3900	0.08675	285	0.28498	60	0.10132	138	973.7	57	3.450	103	0.13655	298
4000	0.09050	288	0.28558	59	0.10270	136	968.0	55	3.553	104	0.13953	293
4100	0.09338	291	0.28617	58	0.10406	133	962.5	55	3.657	104	0.14246	290
4200	0.09629	294	0.28675	56	0.10539	131	957.0	53	3.761	105	0.14536	286
4300	0.09923	296	0.28731	55	0.10670	129	951.7	53	3.866	105	0.14822	281
4400	0.10219	300	0.28786	54	0.10799	127	946.4	52	3.971	106	0.15103	279
4500	0.10519	302	0.28840	52	0.10926	125	941.2	52	4.077	106	0.15382	275
4600	0.10821	304	0.28892	50	0.11051	123	936.0	51	4.183	107	0.15657	270
4700	0.11125	308	0.28942	49	0.11174	121	930.9	50	4.290	108	0.15927	267
4800	0.11433	310	0.28991	47	0.11295	118	925.9	50	4.398	108	0.16194	263
4900	0.11743	313	0.29038	46	0.11413	117	920.9	49	4.506	109	0.16457	260
5000	0.12056	316	0.29084	45	0.11530	118	916.0	50	4.615	110	0.16717	259

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TABLE II. *V=1,400 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.12056	316	0.29084	45	0.11530	118	916.0	50	4.615	110	0.16717	259
5100	0.12372	318	0.29129	45	0.11648	117	911.0	50	4.725	110	0.16976	259
5200	0.12690	322	0.29174	44	0.11765	116	906.0	49	4.835	111	0.16235	257
5300	0.13012	324	0.29218	44	0.11881	116	901.1	49	4.946	111	0.17492	256
5400	0.13336	327	0.29262	43	0.11997	114	896.2	48	5.057	112	0.17748	254
5500	0.13663	329	0.29305	42	0.12111	114	891.4	48	5.169	112	0.18002	254
5600	0.13992	333	0.29347	42	0.12225	112	886.6	47	5.281	113	0.18256	252
5700	0.14325	335	0.29389	41	0.12337	112	881.9	47	5.394	114	0.18508	252
5800	0.14660	338	0.29430	40	0.12449	111	877.2	46	5.508	114	0.18760	250
5900	0.14998	341	0.29470	40	0.12560	110	872.6	46	5.622	115	0.19010	249
6000	0.15339	344	0.29510	41	0.12670	110	868.0	44	5.737	115	0.19259	247
6100	0.15683	346	0.29551	40	0.12780	110	863.6	44	5.852	116	0.19506	244
6200	0.16029	349	0.29591	40	0.12890	109	859.2	43	5.968	117	0.19750	243
6300	0.16378	353	0.29631	41	0.12999	108	854.9	43	6.085	117	0.19993	241
6400	0.16731	355	0.29672	40	0.13107	107	850.6	42	6.202	118	0.20234	238
6500	0.17086	357	0.29712	40	0.13214	107	846.4	42	6.320	118	0.20472	237
6600	0.17443	361	0.29752	41	0.13321	107	842.2	41	6.438	119	0.20709	235
6700	0.17804	364	0.29793	40	0.13428	108	838.1	41	6.557	120	0.20944	233
6800	0.18168	366	0.29833	40	0.13536	107	834.0	40	6.677	120	0.21177	231
6900	0.18534	369	0.29873	40	0.13643	107	830.0	40	6.797	121	0.21408	229
7000	0.18903	372	0.29913	41	0.13750	107	826.0	40	6.918	121	0.21637	229
7100	0.19275	375	0.29954	40	0.13857	106	822.0	40	7.039	122	0.21866	229
7200	0.19650	378	0.29994	41	0.13963	106	818.0	40	7.161	123	0.22095	228
7300	0.20028	381	0.30035	40	0.14069	106	814.0	40	7.284	123	0.22323	227
7400	0.20409	383	0.30075	40	0.14175	105	810.0	39	7.407	124	0.22550	226
7500	0.20792	387	0.30115	39	0.14280	105	806.1	39	7.531	124	0.22776	225
7600	0.21179	390	0.30154	40	0.14385	104	802.2	38	7.655	125	0.23001	225
7700	0.21569	392	0.30194	39	0.14489	104	798.4	38	7.780	125	0.23226	223
7800	0.21961	396	0.30233	39	0.14593	104	794.6	38	7.905	126	0.23449	222
7900	0.22357	398	0.30272	39	0.14697	103	790.8	38	8.031	127	0.23671	222
8000	0.22755	401	0.30311	38	0.14800	102	787.0	37	8.158	127	0.23893	220
8100	0.23156	405	0.30349	37	0.14902	102	783.3	37	8.285	128	0.24113	219
8200	0.23561	407	0.30386	37	0.15004	102	779.6	37	8.413	129	0.24332	218
8300	0.23968	410	0.30423	37	0.15106	101	775.9	37	8.542	129	0.24550	217
8400	0.24378	414	0.30460	37	0.15207	101	772.2	36	8.671	130	0.24767	217
8500	0.24792	416	0.30497	36	0.15308	100	768.6	36	8.801	130	0.24984	215
8600	0.25208	420	0.30533	36	0.15408	101	765.0	35	8.931	131	0.25199	215
8700	0.25628	423	0.30569	36	0.15509	101	761.5	35	9.062	132	0.25414	214
8800	0.26051	425	0.30605	36	0.15610	100	758.0	35	9.194	132	0.25628	213
8900	0.26476	429	0.30641	36	0.15710	100	754.5	35	9.326	133	0.25841	212
9000	0.26905	432	0.30677	36	0.15810	101	751.0	35	9.459	134	0.26053	211
9100	0.27337	435	0.30713	36	0.15911	100	747.5	35	9.593	134	0.26264	211
9200	0.27772	438	0.30749	36	0.16011	101	744.0	34	9.727	135	0.26475	210
9300	0.28210	441	0.30785	36	0.16112	101	740.6	34	9.862	135	0.26685	210
9400	0.28651	444	0.30821	36	0.16213	101	737.2	34	9.997	136	0.26895	209
9500	0.29095	448	0.30857	36	0.16314	101	733.8	34	10.133	136	0.27104	207
9600	0.29543	450	0.30893	36	0.16415	101	730.4	34	10.269	137	0.27311	207
9700	0.29993	454	0.30929	36	0.16516	101	727.0	34	10.406	138	0.27518	207
9800	0.30447	457	0.30965	36	0.16617	102	723.6	33	10.544	138	0.27725	206
9900	0.30904	460	0.31001	36	0.16719	101	720.3	33	10.682	139	0.27931	206
10000	0.31364	464	0.31037	36	0.16820	102	717.0	33	10.821	140	0.28137	205

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TABLE II. $V=1{,}400$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.31364	464	0.31037	36	0.16820	102	717.0	33	10.821	140	0.28137	205
10100	0.31828	467	0.31073	37	0.16922	103	713.7	34	10.961	140	0.28342	205
10200	0.32295	470	0.31110	36	0.17025	102	710.3	33	11.101	141	0.28547	204
10300	0.32765	474	0.31146	37	0.17127	103	707.0	33	11.242	142	0.28751	204
10400	0.33239	477	0.31183	36	0.17230	103	703.7	33	11.384	143	0.28955	204
10500	0.33716	481	0.31219	36	0.17333	103	700.4	32	11.527	143	0.29159	203
10600	0.34197	484	0.31255	37	0.17436	104	697.2	33	11.670	144	0.29362	202
10700	0.34681	487	0.31292	36	0.17540	103	693.9	32	11.814	144	0.29564	202
10800	0.35168	491	0.31328	37	0.17643	104	690.7	32	11.958	145	0.29766	202
10900	0.35659	494	0.31365	36	0.17747	104	687.5	32	12.103	146	0.29968	201
11000	0.36153	498	0.31401	37	0.17851	104	684.3	32	12.249	147	0.30169	200
11100	0.36651	501	0.31438	36	0.17955	104	681.1	32	12.396	147	0.30369	200
11200	0.37152	505	0.31474	37	0.18059	104	677.9	32	12.543	147	0.30569	200
11300	0.37657	508	0.31511	36	0.18163	104	674.7	31	12.690	149	0.30769	200
11400	0.38165	512	0.31547	37	0.18267	104	671.6	31	12.839	149	0.30969	199
11500	0.38677	515	0.31584	37	0.18371	105	668.5	32	12.988	150	0.31168	199
11600	0.39192	519	0.31621	36	0.18476	105	665.3	31	13.138	150	0.31367	198
11700	0.39711	522	0.31657	37	0.18581	105	662.2	31	13.289	151	0.31566	198
11800	0.40233	526	0.31694	36	0.18686	105	659.1	30	13.440	152	0.31764	198
11900	0.40759	530	0.31730	37	0.18791	106	656.1	31	13.592	153	0.31962	197
12000	0.41289	533	0.31767	37	0.18897	106	653.0	30	13.745	154	0.32159	197
12100	0.41822	537	0.31804	36	0.19003	106	650.0	31	13.899	154	0.32356	197
12200	0.42359	541	0.31840	37	0.19109	106	646.9	30	14.053	155	0.32553	196
12300	0.42900	545	0.31877	36	0.19215	107	643.9	30	14.208	155	0.32749	196
12400	0.43445	548	0.31913	37	0.19322	107	640.9	30	14.363	157	0.32945	196
12500	0.43993	552	0.31950	36	0.19429	107	637.9	30	14.520	157	0.33141	196
12600	0.44545	557	0.31986	37	0.19536	107	634.9	29	14.677	158	0.33337	196
12700	0.45102	560	0.32023	36	0.19643	107	632.0	30	14.835	158	0.33533	195
12800	0.45662	563	0.32059	37	0.19750	108	629.0	29	14.993	160	0.33728	195
12900	0.46225	568	0.32096	36	0.19858	108	626.1	29	15.153	160	0.33923	195
13000	0.46793	571	0.32132	36	0.19966	108	623.2	29	15.313	161	0.34118	195
13100	0.47364	576	0.32168	37	0.20074	108	620.3	29	15.474	162	0.34313	194
13200	0.47940	580	0.32205	37	0.20182	109	617.4	29	15.636	162	0.34507	194
13300	0.48520	584	0.32242	36	0.20291	109	614.5	29	15.798	163	0.34701	194
13400	0.49104	588	0.32278	37	0.20400	109	611.6	28	15.961	164	0.34895	194
13500	0.49692	592	0.32315	37	0.20509	109	608.8	29	16.125	165	0.35089	193
13600	0.50284	596	0.32352	37	0.20617	109	605.9	28	16.290	165	0.35282	194
13700	0.50880	601	0.32389	37	0.20726	109	603.1	28	16.455	166	0.35476	194
13800	0.51481	604	0.32426	37	0.20835	109	600.3	28	16.621	167	0.35670	194
13900	0.52085	609	0.32463	37	0.20944	110	597.5	28	16.788	168	0.35864	193
14000	0.52694	613	0.32500	37	0.21054	110	594.7	28	16.956	169	0.36057	194
14100	0.53307	618	0.32537	37	0.21164	110	591.9	27	17.125	169	0.36251	193
14200	0.53925	622	0.32574	37	0.21274	110	589.2	28	17.294	170	0.36444	193
14300	0.54547	627	0.32612	37	0.21384	110	586.4	27	17.464	171	0.36637	193
14400	0.55174	631	0.32649	37	0.21494	110	583.7	28	17.635	172	0.36830	193
14500	0.55805	636	0.32686	38	0.21604	111	580.9	27	17.807	172	0.37023	193
14600	0.56441	640	0.32724	38	0.21715	110	578.2	27	17.979	174	0.37216	193
14700	0.57081	644	0.32762	38	0.21825	110	575.5	27	18.153	174	0.37409	193
14800	0.57725	649	0.32800	37	0.21935	110	572.8	26	18.327	175	0.37602	193
14900	0.58374	653	0.32837	38	0.22045	110	570.2	27	18.502	176	0.37795	193
15000	0.59027	657	0.32875	38	0.22155	110	567.5	27	18.678	177	0.37988	193

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TABLE II. $V=1{,}400$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.59027	657	0.32875	38	0.22155	110	567.5	27	18.678	177	0.37988	193
15100	0.59684	663	0.32913	38	0.22265	110	564.8	26	18.855	177	0.38181	192
15200	0.60347	666	0.32951	38	0.22375	110	562.2	26	19.032	178	0.38373	193
15300	0.61013	672	0.32989	38	0.22485	111	559.6	26	19.210	179	0.38566	192
15400	0.61685	676	0.33027	38	0.22596	110	557.0	26	19.389	180	0.38758	193
15500	0.62361	681	0.33065	39	0.22706	111	554.4	26	19.569	181	0.38951	193
15600	0.63042	686	0.33104	38	0.22817	111	551.8	26	19.750	182	0.39144	192
15700	0.63728	691	0.33142	39	0.22928	111	549.2	25	19.932	182	0.39336	193
15800	0.64419	695	0.33181	38	0.23039	111	546.7	26	20.114	184	0.39529	192
15900	0.65114	700	0.33219	39	0.23150	111	544.1	25	20.298	184	0.39721	193
16000	0.65814	705	0.33258	39	0.23261	111	541.6	25	20.482	185	0.39914	192
16100	0.66519	710	0.33297	39	0.23372	112	539.1	25	20.667	186	0.40106	192
16200	0.67229	716	0.33336	38	0.23484	112	536.6	25	20.853	186	0.40298	192
16300	0.67945	720	0.33374	39	0.23596	112	534.1	25	21.039	188	0.40490	193
16400	0.68665	726	0.33413	39	0.23708	112	531.6	25	21.227	189	0.40683	192
16500	0.69391	730	0.33452	40	0.23820	113	529.1	25	21.416	189	0.40875	192
16600	0.70121	736	0.33492	39	0.23933	112	526.6	24	21.605	190	0.41067	193
16700	0.70857	741	0.33531	39	0.24045	112	524.2	25	21.795	192	0.41260	193
16800	0.71598	746	0.33570	39	0.24157	113	521.7	24	21.987	192	0.41453	192
16900	0.72344	751	0.33609	40	0.24270	113	519.3	24	22.179	193	0.41645	193
17000	0.73095	756	0.33649	40	0.24383	113	516.9	24	22.372	194	0.41838	192
17100	0.73851	761	0.33689	39	0.24496	113	514.5	24	22.566	195	0.42030	192
17200	0.74612	767	0.33728	40	0.24609	113	512.1	24	22.761	195	0.42222	193
17300	0.75379	773	0.33768	40	0.24722	113	509.7	24	22.956	197	0.42415	192
17400	0.76152	778	0.33808	40	0.24835	113	507.3	24	23.153	198	0.42607	193
17500	0.76930	783	0.33848	39	0.24948	113	504.9	23	23.351	198	0.42800	192
17600	0.77713	789	0.33887	40	0.25061	113	502.6	24	23.549	200	0.42992	193
17700	0.78502	795	0.33927	40	0.25174	113	500.2	23	23.749	200	0.43185	192
17800	0.79297	800	0.33967	41	0.25287	113	497.9	23	23.949	202	0.43377	193
17900	0.80097	805	0.34008	40	0.25400	114	495.6	24	24.151	202	0.43570	193
18000	0.80902	812	0.34048	40	0.25514	113	493.2	23	24.353	203	0.43763	193
18100	0.81714	817	0.34088	41	0.25627	113	490.9	22	24.556	204	0.43956	193
18200	0.82531	823	0.34129	40	0.25740	114	488.7	23	24.760	205	0.44149	193
18300	0.83354	829	0.34160	41	0.25854	113	486.4	23	24.965	206	0.44342	193
18400	0.84183	836	0.34210	40	0.25967	114	484.1	23	25.171	207	0.44535	194
18500	0.85019	841	0.34250	41	0.26081	113	481.8	22	25.378	208	0.44729	193
18600	0.85860	847	0.34291	41	0.26194	114	479.6	22	25.586	209	0.44922	193
18700	0.86707	853	0.34332	41	0.26308	113	477.4	23	25.795	210	0.45115	194
18800	0.87560	859	0.34373	41	0.26421	113	475.1	22	26.005	211	0.45309	193
18900	0.88419	865	0.34414	41	0.26534	114	472.9	22	26.216	212	0.45502	194
19000	0.89284	871	0.34455	41	0.26648	113	470.7	22	26.428	213	0.45696	194
19100	0.90155	877	0.34496	42	0.26761	114	468.5	22	26.641	214	0.45890	194
19200	0.91032	883	0.34538	41	0.26875	114	466.3	21	26.855	215	0.46084	193
19300	0.91915	890	0.34579	41	0.26989	114	464.2	22	27.070	216	0.46277	194
19400	0.92805	897	0.34620	42	0.27103	114	462.0	22	27.286	217	0.46471	195
19500	0.93702	902	0.34662	41	0.27217	114	459.8	21	27.503	218	0.46666	194
19600	0.94604	909	0.34703	42	0.27331	114	457.7	21	27.721	219	0.46860	194
19700	0.95513	915	0.34745	42	0.27445	114	455.6	22	27.940	220	0.47054	194
19800	0.96428	922	0.34787	42	0.27559	114	453.4	21	28.160	221	0.47248	195
19900	0.97350	928	0.34829	42	0.27673	114	451.3	21	28.381	222	0.47443	194
20000	0.98278	934	0.34871	42	0.27787	114	449.2	21	28.603	223	0.47637	194

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TABLE II. *V=1,450 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
0	0.00000	153	0.25000	131	0.00000	370	1450.0	188	0.000	69	0.00000	378
100	0.00153	157	0.25131	129	0.00370	384	1431.2	185	0.069	71	0.00378	379
200	0.00310	159	0.25260	127	0.00754	379	1412.7	182	0.140	71	0.00757	382
300	0.00469	163	0.25387	125	0.01133	376	1394.5	179	0.211	72	0.01139	383
400	0.00632	166	0.25512	123	0.01509	375	1376.6	176	0.283	73	0.01522	386
500	0.00798	168	0.25635	121	0.01884	376	1359.0	174	0.356	74	0.01908	388
600	0.00966	172	0.25756	119	0.02260	376	1341.6	171	0.430	75	0.02296	389
700	0.01138	175	0.25875	117	0.02636	374	1324.5	168	0.505	76	0.02685	392
800	0.01313	178	0.25992	115	0.03010	372	1307.7	165	0.581	77	0.03077	393
900	0.01491	181	0.26107	113	0.03382	368	1291.2	162	0.658	79	0.03470	396
1000	0.01672	184	0.26220	110	0.03750	360	1275.0	158	0.737	79	0.03866	397
1100	0.01856	187	0.26330	107	0.04110	351	1259.2	152	0.816	80	0.04263	394
1200	0.02043	190	0.26437	104	0.04461	341	1244.0	147	0.896	81	0.04657	392
1300	0.02233	193	0.26541	101	0.04802	331	1229.3	142	0.977	82	0.05049	390
1400	0.02426	197	0.26642	98	0.05133	322	1215.1	136	1.059	83	0.05439	387
1500	0.02623	200	0.26740	96	0.05455	312	1201.5	130	1.142	83	0.05826	385
1600	0.02823	203	0.26836	94	0.05767	303	1188.5	124	1.225	84	0.06211	383
1700	0.03026	206	0.26930	93	0.06070	293	1176.1	119	1.309	86	0.06594	380
1800	0.03232	210	0.27023	92	0.06363	283	1164.2	114	1.395	86	0.06974	378
1900	0.03442	213	0.27115	91	0.06646	274	1152.8	108	1.481	87	0.07352	376
2000	0.03655	216	0.27206	91	0.06920	264	1142.0	104	1.568	88	0.07728	374
2100	0.03871	219	0.27297	90	0.07184	256	1131.6	101	1.656	89	0.08102	370
2200	0.04090	223	0.27387	90	0.07440	249	1121.5	98	1.745	89	0.08472	368
2300	0.04313	225	0.27477	89	0.07689	242	1111.7	95	1.834	90	0.08840	365
2400	0.04538	229	0.27566	89	0.07931	234	1102.2	93	1.924	91	0.09205	361
2500	0.04767	232	0.27655	88	0.08165	226	1092.9	90	2.015	92	0.09566	358
2600	0.04999	234	0.27743	87	0.08391	218	1083.9	86	2.107	93	0.09924	355
2700	0.05233	238	0.27830	86	0.08609	211	1075.3	84	2.200	93	0.10279	352
2800	0.05471	241	0.27916	83	0.08820	203	1066.9	81	2.293	94	0.10631	348
2900	0.05712	244	0.27999	81	0.09023	197	1058.8	78	2.387	95	0.10979	346
3000	0.05956	247	0.28080	78	0.09220	192	1051.0	76	2.482	96	0.11325	341
3100	0.06203	251	0.28158	75	0.09412	187	1043.4	74	2.578	96	0.11666	338
3200	0.06454	253	0.28233	72	0.09599	181	1036.0	72	2.674	97	0.12004	334
3300	0.06707	256	0.28305	70	0.09780	175	1028.8	70	2.771	98	0.12338	332
3400	0.06963	259	0.28375	68	0.09955	170	1021.8	68	2.869	98	0.12670	328
3500	0.07222	262	0.28443	67	0.10125	165	1015.0	66	2.967	99	0.12998	324
3600	0.07484	264	0.28510	66	0.10290	159	1008.4	64	3.066	99	0.13322	320
3700	0.07748	268	0.28576	65	0.10449	153	1002.0	62	3.165	100	0.13642	316
3800	0.08016	271	0.28641	64	0.10602	147	995.8	60	3.265	101	0.13958	314
3900	0.08287	273	0.28705	63	0.10749	141	989.8	58	3.366	101	0.14272	311
4000	0.08560	277	0.28768	62	0.10890	138	984.0	57	3.467	102	0.14583	308
4100	0.08837	279	0.28830	61	0.11028	136	978.3	57	3.569	102	0.14891	304
4200	0.09116	282	0.28891	60	0.11164	134	972.6	56	3.671	103	0.15195	302
4300	0.09398	285	0.28951	59	0.11298	131	967.0	56	3.774	104	0.15497	298
4400	0.09683	288	0.29010	58	0.11429	129	961.4	55	3.878	104	0.15795	296
4500	0.09971	290	0.29068	57	0.11558	127	955.9	55	3.982	105	0.16091	294
4600	0.10261	294	0.29125	56	0.11685	125	950.4	54	4.087	106	0.16385	290
4700	0.10555	296	0.29181	55	0.11810	122	945.0	54	4.193	106	0.16675	288
4800	0.10851	298	0.29236	54	0.11932	120	939.6	53	4.299	107	0.16963	284
4900	0.11149	302	0.29290	53	0.12052	118	934.3	53	4.406	107	0.17247	282
5000	0.11451	305	0.29343	49	0.12170	117	929.0	52	4.513	108	0.17529	280

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TABLE II. $V=1{,}450$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.11451	305	0.29343	49	0.12170	117	929.0	52	4.513	108	0.17529	280
5100	0.11756	307	0.29392	48	0.12287	116	923.8	51	4.621	109	0.17809	277
5200	0.12063	310	0.29440	48	0.12403	115	918.7	51	4.730	109	0.18086	276
5300	0.12373	313	0.29488	47	0.12518	113	913.6	49	4.839	110	0.18362	273
5400	0.12686	316	0.29535	46	0.12631	113	908.7	48	4.949	110	0.18635	272
5500	0.13002	318	0.29581	44	0.12744	111	903.9	48	5.059	111	0.18907	268
5600	0.13320	321	0.29625	45	0.12855	111	899.1	47	5.170	111	0.19175	265
5700	0.13641	324	0.29670	43	0.12966	109	894.4	45	5.281	112	0.19440	264
5800	0.13965	527	0.29713	42	0.13075	108	889.9	45	5.393	113	0.19704	261
5900	0.14292	329	0.29755	42	0.13183	107	885.4	44	5.506	113	0.19965	260
6000	0.14621	332	0.29797	43	0.13290	107	881.0	45	5.619	114	0.20225	258
6100	0.14953	335	0.29840	42	0.13397	107	876.5	46	5.733	114	0.20483	256
6200	0.15288	338	0.29882	41	0.13504	106	871.9	45	5.847	115	0.20739	255
6300	0.15626	341	0.29923	42	0.13610	106	867.4	45	5.962	116	0.20994	253
6400	0.15967	344	0.29965	41	0.13716	105	862.9	44	6.078	116	0.21247	251
6500	0.16311	346	0.30006	40	0.13821	105	858.5	44	6.194	117	0.21498	250
6600	0.16657	349	0.30046	41	0.13926	104	854.1	43	6.311	117	0.21748	248
6700	0.17006	352	0.30087	40	0.14030	104	849.8	43	6.428	118	0.21996	246
6800	0.17358	355	0.30127	40	0.14134	103	845.5	43	6.546	119	0.22242	245
6900	0.17713	358	0.30167	39	0.14237	103	841.2	42	6.665	119	0.22487	243
7000	0.18071	361	0.30206	39	0.14340	103	837.0	42	6.784	120	0.22730	242
7100	0.18432	363	0.30245	39	0.14443	102	832.8	41	6.904	120	0.22972	241
7200	0.18795	367	0.30284	39	0.14545	102	828.7	41	7.024	121	0.23213	239
7300	0.19162	369	0.30323	39	0.14647	101	824.6	41	7.145	122	0.23452	239
7400	0.19531	372	0.30362	39	0.14748	101	820.5	40	7.267	122	0.23691	237
7500	0.19903	375	0.30401	38	0.14849	101	816.5	40	7.389	123	0.23828	235
7600	0.20278	378	0.30439	38	0.14950	101	812.5	39	7.512	123	0.24163	235
7700	0.20656	381	0.30477	37	0.15051	100	808.6	39	7.635	124	0.24398	233
7800	0.21037	383	0.30514	38	0.15151	100	804.7	39	7.759	125	0.24631	232
7900	0.21420	387	0.30552	37	0.15251	99	800.8	38	7.884	125	0.24863	230
8000	0.21807	390	0.30589	37	0.15350	99	797.0	38	8.009	126	0.25093	230
8100	0.22197	392	0.30626	36	0.15449	98	793.2	37	8.135	126	0.25323	229
8200	0.22589	396	0.30662	36	0.15547	99	789.5	37	8.261	127	0.25552	228
8300	0.22985	399	0.30698	36	0.15646	98	785.8	37	8.388	127	0.25780	227
8400	0.23384	401	0.30734	35	0.15744	98	782.1	36	8.515	128	0.26007	226
8500	0.23785	405	0.30771	36	0.15842	98	778.5	36	8.643	129	0.26233	223
8600	0.24190	407	0.30807	36	0.15940	98	774.9	35	8.772	129	0.26456	223
8700	0.24597	410	0.30843	36	0.16038	97	771.4	35	8.901	130	0.26679	222
8800	0.25007	414	0.30879	35	0.16135	98	767.9	35	9.031	131	0.26901	221
8900	0.25421	416	0.30914	36	0.16233	97	764.4	35	9.162	131	0.27122	220
9000	0.25837	420	0.30950	35	0.16330	98	760.9	35	9.293	132	0.27342	217
9100	0.26257	422	0.30985	35	0.16428	98	757.4	36	9.425	132	0.27559	216
9200	0.26679	426	0.31020	35	0.16526	98	753.8	35	9.557	133	0.27775	217
9300	0.27105	429	0.31055	36	0.16624	98	750.3	36	9.690	134	0.27992	216
9400	0.27534	432	0.31091	35	0.16722	98	746.7	35	9.824	134	0.28208	216
9500	0.27966	436	0.31126	35	0.16820	98	743.2	35	9.958	135	0.28424	217
9600	0.28402	438	0.31161	35	0.16918	98	739.7	34	10.093	136	0.28641	216
9700	0.28840	441	0.31196	35	0.17016	98	736.3	35	10.229	136	0.28857	216
9800	0.29281	445	0.31231	35	0.17114	98	732.8	34	10.365	137	0.29073	217
9900	0.29726	448	0.31266	35	0.17212	98	729.4	34	10.502	137	0.29290	215
10000	0.30174	451	0.31301	35	0.17310	98	726.0	34	10.639	138	0.29505	212

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TABLE II. $V=1{,}450\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.30174	451	0.31301	35	0.17310	98	726.0	34	10.639	138	0.29505	212
10100	0.30625	454	0.31336	35	0.17408	98	722.6	34	10.777	139	0.29717	212
10200	0.31079	457	0.31371	35	0.17506	98	719.2	33	10.916	139	0.29929	211
10300	0.31536	460	0.31406	35	0.17604	98	715.9	34	11.055	140	0.30140	210
10400	0.31996	464	0.31441	35	0.17702	98	712.5	33	11.195	141	0.30351	210
10500	0.32460	468	0.31476	35	0.17800	99	709.2	33	11.336	141	0.30561	209
10600	0.32928	471	0.31511	35	0.17899	98	705.9	33	11.477	142	0.30770	209
10700	0.33399	475	0.31546	35	0.17997	99	702.6	33	11.619	143	0.30979	208
10800	0.33874	478	0.31581	35	0.18096	99	699.3	33	11.762	143	0.31187	208
10900	0.34352	481	0.31616	35	0.18195	99	696.0	32	11.905	144	0.31395	207
11000	0.34833	484	0.31651	35	0.18294	100	692.8	32	12.049	145	0.31602	207
11100	0.35317	488	0.31686	35	0.18394	100	689.6	32	12.194	145	0.31809	206
11200	0.35805	491	0.31721	36	0.18494	100	686.4	32	12.339	146	0.32015	206
11300	0.36296	495	0.31757	35	0.18594	100	683.2	32	12.485	147	0.32221	205
11400	0.36791	499	0.31792	35	0.18694	101	680.0	32	12.632	147	0.32423	206
11500	0.37290	502	0.31827	35	0.18795	101	676.8	31	12.779	148	0.32632	204
11600	0.37792	505	0.31862	35	0.18896	101	673.7	32	12.927	149	0.32836	204
11700	0.38297	509	0.31897	36	0.18997	101	670.5	31	13.076	150	0.33040	203
11800	0.38806	512	0.31933	35	0.19098	102	667.4	31	13.226	150	0.33243	203
11900	0.39318	516	0.31968	35	0.19200	102	664.3	31	13.376	151	0.33446	203
12000	0.39834	519	0.32003	36	0.19302	102	661.2	31	13.527	151	0.33649	202
12100	0.40353	523	0.32039	35	0.19404	103	658.1	30	13.678	153	0.33851	202
12200	0.40876	527	0.32074	36	0.19507	103	655.1	31	13.831	153	0.34053	201
12300	0.41403	531	0.32110	35	0.19610	103	652.0	30	13.984	153	0.34255	202
12400	0.41934	534	0.32145	36	0.19713	103	649.0	31	14.137	155	0.34456	200
12500	0.42468	538	0.32181	35	0.19816	103	645.9	30	14.292	155	0.34658	200
12600	0.43006	542	0.32216	36	0.19919	104	642.9	30	14.447	156	0.34858	200
12700	0.43548	546	0.32252	35	0.20023	104	639.9	30	14.603	156	0.35058	200
12800	0.44094	549	0.32287	36	0.20127	104	636.9	29	14.759	158	0.35258	200
12900	0.44643	553	0.32323	35	0.20231	104	634.0	30	14.917	158	0.35458	200
13000	0.45196	557	0.32358	35	0.20335	105	631.0	29	15.075	159	0.35658	199
13100	0.45753	561	0.32393	36	0.20440	104	628.1	30	15.234	159	0.35857	199
13200	0.46314	566	0.32429	35	0.20544	105	625.1	29	15.393	161	0.36056	199
13300	0.46880	569	0.32464	35	0.20649	105	622.2	29	15.554	161	0.36255	198
13400	0.47449	573	0.32499	36	0.20754	105	619.3	29	15.715	162	0.36453	199
13500	0.48022	577	0.32535	35	0.20859	106	616.4	28	15.877	163	0.36652	198
13600	0.48599	581	0.32570	36	0.20965	105	613.6	29	16.040	163	0.36850	198
13700	0.49180	586	0.32606	35	0.21070	106	610.7	28	16.203	164	0.37048	198
13800	0.49766	589	0.32641	36	0.21176	106	607.9	29	16.367	165	0.37246	197
13900	0.50355	593	0.32677	35	0.21282	106	605.0	28	16.532	166	0.37443	198
14000	0.50948	597	0.32712	36	0.21388	106	602.2	28	16.698	166	0.37641	197
14100	0.51545	602	0.32748	36	0.21494	107	599.4	28	16.864	167	0.37838	197
14200	0.52147	606	0.32784	36	0.21601	107	596.6	28	17.031	168	0.38035	197
14300	0.52753	610	0.32820	36	0.21708	107	593.8	28	17.199	169	0.38232	197
14400	0.53363	615	0.32856	36	0.21815	107	591.0	28	17.368	170	0.38429	197
14500	0.53978	619	0.32892	36	0.21922	107	588.2	27	17.538	170	0.38626	197
14600	0.54597	623	0.32928	36	0.22029	107	585.5	28	17.708	171	0.38823	196
14700	0.55220	628	0.32964	36	0.22136	108	582.7	27	17.879	172	0.39019	196
14800	0.55848	632	0.33000	36	0.22244	107	580.0	27	18.051	173	0.39215	197
14900	0.56480	636	0.33036	36	0.22351	108	577.3	27	18.224	174	0.39412	196
15000	0.57116	641	0.33072	36	0.22459	108	574.6	27	18.398	174	0.39608	196

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TABLE II. $V=1{,}450\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.57116	641	0.33072	36	0.22459	108	574.6	27	18.398	174	0.39608	196
15100	0.57757	646	0.33108	36	0.22567	108	571.9	26	18.572	176	0.39804	195
15200	0.58403	651	0.33144	36	0.22675	109	569.3	27	15.748	176	0.39999	196
15300	0.59054	655	0.33180	36	0.22784	108	566.6	27	18.924	177	0.40195	196
15400	0.59709	659	0.33216	37	0.22892	109	563.9	26	19.101	178	0.40391	196
15500	0.60368	664	0.33253	36	0.23001	108	561.3	26	19.279	178	0.40587	195
15600	0.61032	668	0.33289	37	0.23109	109	558.7	26	19.457	179	0.40782	196
15700	0.61700	672	0.33326	37	0.23218	109	556.1	26	19.636	180	0.40978	196
15800	0.62372	677	0.33363	37	0.23327	109	553.5	25	19.816	182	0.41174	195
15900	0.63049	682	0.33400	37	0.23436	109	551.0	26	19.998	181	0.41369	196
16000	0.63731	687	0.33437	37	0.23545	110	548.4	26	20.179	183	0.41565	195
16100	0.64418	692	0.33474	37	0.23655	109	545.8	25	20.362	183	0.41760	195
16200	0.65110	697	0.33511	38	0.23764	110	543.3	25	20.545	185	0.41955	196
16300	0.65807	702	0.33549	37	0.23874	110	540.8	26	20.730	185	0.42151	195
16400	0.66509	708	0.33586	38	0.23984	109	538.2	25	20.915	186	0.42346	196
16500	0.67217	712	0.33624	38	0.24093	110	535.7	25	21.101	187	0.42542	195
16600	0.67929	717	0.33662	38	0.24203	110	533.2	25	21.288	188	0.42737	195
16700	0.68646	722	0.33700	38	0.24313	110	530.7	25	21.476	189	0.42932	195
16800	0.69368	727	0.33738	39	0.24423	110	528.2	24	21.665	189	0.43127	196
16900	0.70095	732	0.33777	39	0.24533	110	525.8	25	21.854	191	0.43323	195
17000	0.70827	737	0.33816	39	0.24643	108	523.3	24	22.045	192	0.43518	195
17100	0.71564	743	0.33855	40	0.24751	109	520.9	25	22.237	192	0.43713	195
17200	0.72307	748	0.33895	40	0.24860	109	518.4	24	22.429	193	0.43908	195
17300	0.73055	754	0.33935	40	0.24969	110	516.0	24	22.622	194	0.44103	195
17400	0.73809	759	0.33975	40	0.25079	111	513.6	24	22.816	196	0.44298	196
17500	0.74568	763	0.34015	39	0.25190	111	511.2	24	23.012	196	0.44494	195
17600	0.75331	769	0.34054	40	0.25301	112	508.8	24	23.208	197	0.44689	195
17700	0.76100	775	0.34094	40	0.25413	112	506.4	23	23.405	198	0.44884	195
17800	0.76875	780	0.34134	41	0.25525	113	504.1	24	23.603	199	0.45079	195
17900	0.77655	785	0.34175	40	0.25638	113	501.7	23	23.802	200	0.45274	195
18000	0.78440	791	0.34215	41	0.25751	112	499.4	23	24.002	201	0.45469	195
18100	0.79231	797	0.34256	40	0.25863	111	497.1	23	24.203	202	0.45664	196
18200	0.80028	803	0.34296	40	0.25974	112	494.8	24	24.405	202	0.45860	195
18300	0.80831	809	0.34336	41	0.26086	111	492.4	23	24.607	204	0.46055	196
18400	0.81640	814	0.34377	41	0.26197	111	490.1	22	24.811	205	0.46251	195
18500	0.82454	820	0.34418	41	0.26308	112	487.9	23	25.016	205	0.46446	196
18600	0.83274	826	0.34459	41	0.26420	112	485.6	23	25.221	207	0.46642	196
18700	0.84100	831	0.34500	41	0.26532	111	483.3	22	25.428	207	0.46838	195
18800	0.84931	838	0.34541	41	0.26643	112	481.1	23	25.635	209	0.47033	196
18900	0.85769	843	0.34582	41	0.26755	112	478.8	22	25.844	209	0.47229	196
19000	0.86612	849	0.34623	41	0.26867	112	476.6	22	26.053	210	0.47425	196
19100	0.87461	855	0.34664	41	0.26979	112	474.4	22	26.263	212	0.47621	195
19200	0.88316	861	0.34705	42	0.27091	113	472.2	23	26.475	212	0.47816	196
19300	0.89177	867	0.34747	41	0.27204	112	469.9	22	26.687	213	0.48012	196
19400	0.90044	874	0.34788	42	0.27316	112	467.7	21	26.900	215	0.48208	196
19500	0.90918	880	0.34830	41	0.27428	112	465.6	22	27.115	215	0.48404	196
19600	0.91798	886	0.34871	42	0.27540	112	463.4	22	27.330	216	0.48600	196
19700	0.92684	892	0.34913	41	0.27652	113	461.2	21	27.546	217	0.48796	196
19800	0.93576	899	0.34954	42	0.27765	112	459.1	22	27.763	219	0.48992	196
19900	0.94475	905	0.34996	42	0.27877	112	456.9	21	27.952	219	0.49188	197
20000	0.95380	912	0.35038	42	0.27989	112	454.8	21	28.201	220	0.49385	197

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TABLE II. $V=1{,}500\,f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	144	0.25000	138	0.00000	380	1500.0	19.5	0.000	67	0.00000	385
100	0.00144	147	0.25138	135	0.00380	380	1480.5	19.3	0.067	67	0.00385	386
200	0.00291	150	0.25273	132	0.00760	380	1461.2	19.1	0.134	69	0.00771	386
300	0.00441	152	0.25405	130	0.01140	380	1442.1	18.8	0.203	70	0.01157	387
400	0.00593	154	0.25535	128	0.01520	382	1423.3	18.5	0.273	71	0.01544	388
500	0.00747	158	0.25663	125	0.01902	383	1404.8	18.3	0.344	71	0.01932	389
600	0.00905	160	0.25788	123	0.02285	383	1386.5	18.1	0.415	73	0.02321	389
700	0.01065	163	0.25911	121	0.02668	385	1368.4	17.7	0.488	74	0.02710	390
800	0.01228	166	0.26032	118	0.03053	386	1350.7	17.5	0.562	74	0.03100	391
900	0.01394	169	0.26150	115	0.03439	381	1333.2	17.2	0.636	76	0.03491	391
1000	0.01563	172	0.26265	112	0.03820	374	1316.0	16.8	0.712	77	0.03882	391
1100	0.01735	175	0.26377	109	0.04194	368	1299.2	16.3	0.789	77	0.04273	392
1200	0.01910	178	0.26486	107	0.04562	360	1282.9	15.7	0.866	79	0.04665	393
1300	0.02088	181	0.26593	105	0.04922	351	1267.2	15.2	0.945	79	0.05058	394
1400	0.02269	185	0.26698	103	0.05273	343	1252.0	14.7	1.024	81	0.05452	395
1500	0.02454	187	0.26801	101	0.05616	334	1237.3	14.1	1.105	81	0.05847	396
1600	0.02641	191	0.26902	100	0.05950	326	1223.2	13.6	1.186	82	0.06243	397
1700	0.02832	194	0.27002	99	0.06276	317	1209.6	13.1	1.268	83	0.06640	398
1800	0.03026	198	0.27101	98	0.06593	308	1196.5	12.5	1.351	84	0.07038	398
1900	0.03224	200	0.27199	96	0.06901	299	1184.0	12.0	1.435	85	0.07436	400
2000	0.03424	204	0.27295	96	0.07200	290	1172.0	11.6	1.520	86	0.07836	396
2100	0.03628	207	0.27391	95	0.07490	282	1160.4	11.3	1.606	87	0.08232	392
2200	0.03835	210	0.27486	95	0.07772	274	1149.1	11.0	1.693	87	0.08624	388
2300	0.04045	213	0.27581	95	0.08046	266	1138.1	10.5	1.780	88	0.09012	384
2400	0.04258	217	0.27676	94	0.08312	259	1127.6	10.2	1.868	89	0.09396	380
2500	0.04475	219	0.27770	93	0.08571	251	1117.4	9.9	1.957	90	0.09776	376
2600	0.04694	223	0.27863	92	0.08822	242	1107.5	9.5	2.047	91	0.10152	373
2700	0.04917	226	0.27955	91	0.09064	232	1098.0	9.0	2.138	91	0.10525	369
2800	0.05143	229	0.28046	88	0.09296	222	1089.0	8.7	2.229	92	0.10894	366
2900	0.05372	232	0.28134	86	0.09518	212	1080.3	8.3	2.321	93	0.11260	364
3000	0.05604	235	0.28220	83	0.09720	203	1072.0	8.0	2.414	94	0.11624	361
3100	0.05839	238	0.28303	80	0.09923	195	1064.0	7.8	2.508	94	0.11985	358
3200	0.06077	241	0.28383	78	0.10118	191	1056.2	7.7	2.602	95	0.12343	355
3300	0.06318	245	0.28461	76	0.10309	185	1048.5	7.6	2.697	96	0.12698	351
3400	0.06563	247	0.28537	74	0.10494	181	1040.9	7.4	2.793	96	0.13049	348
3500	0.06810	250	0.28611	73	0.10675	176	1033.5	7.2	2.889	97	0.13397	344
3600	0.07060	254	0.28684	71	0.10851	171	1026.3	7.0	2.986	98	0.13741	341
3700	0.07314	256	0.28755	70	0.11022	166	1019.3	6.9	3.084	98	0.14082	338
3800	0.07570	259	0.28825	69	0.11188	159	1012.4	6.8	3.182	99	0.14420	335
3900	0.07829	263	0.28894	66	0.11347	152	1005.6	6.6	3.281	100	0.14755	331
4000	0.08092	265	0.28960	64	0.11499	148	999.0	6.4	3.381	101	0.15086	327
4100	0.08357	268	0.29024	62	0.11647	143	993.6	6.2	3.482	101	0.15413	324
4200	0.08625	271	0.29086	61	0.11790	139	986.4	6.1	3.583	102	0.15737	320
4300	0.08896	274	0.29147	60	0.11929	136	980.3	6.0	3.685	102	0.16057	317
4400	0.09170	276	0.29207	59	0.12065	134	974.3	5.8	3.787	103	0.16374	314
4500	0.09446	280	0.29266	58	0.12199	130	968.5	5.6	3.890	103	0.16688	312
4600	0.09726	282	0.29324	58	0.12329	128	962.9	5.4	3.993	104	0.17000	309
4700	0.10008	285	0.29382	57	0.12457	124	957.5	5.3	4.097	105	0.17309	306
4800	0.10293	288	0.29439	57	0.12581	121	952.2	5.2	4.202	105	0.17615	302
4900	0.10581	290	0.29496	56	0.12702	118	947.0	5.0	4.307	106	0.17917	299
5000	0.10871	294	0.29552	56	0.12820	116	942.0	5.0	4.413	106	0.18216	297

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TABLE II. $V=1{,}500\,f.\,s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.10871	294	0.29552	56	0.12820	116	942.0	4.9	4.413	106	0.18216	297
5100	0.11165	296	0.29608	54	0.12936	114	937.1	4.9	4.519	107	0.18513	294
5200	0.11461	299	0.29662	54	0.13050	114	932.2	4.9	4.626	108	0.18807	292
5300	0.11760	302	0.29716	52	0.13164	112	927.3	4.9	4.734	108	0.19099	289
5400	0.12062	305	0.29768	51	0.13276	112	922.4	4.9	4.842	109	0.19388	287
5500	0.12367	308	0.29819	50	0.13388	110	917.5	4.9	4.951	109	0.19675	284
5600	0.12675	310	0.29869	50	0.13498	110	912.6	4.9	5.060	110	0.19959	282
5700	0.12985	313	0.29919	48	0.13608	108	907.7	4.9	5.170	110	0.20241	280
5800	0.13298	316	0.29967	47	0.13716	108	902.8	4.9	5.280	111	0.20521	277
5900	0.13614	318	0.30014	46	0.13824	106	897.9	4.9	5.391	112	0.20798	274
6000	0.13932	321	0.30060	44	0.13930	105	893.0	4.8	5.503	112	0.21072	272
6100	0.14253	325	0.30104	44	0.14035	105	888.2	4.7	5.615	113	0.21344	271
6200	0.14578	327	0.30148	43	0.14140	103	883.5	4.6	5.728	114	0.21615	269
6300	0.14905	329	0.30191	42	0.14243	103	878.9	4.6	5.842	114	0.21884	266
6400	0.15234	333	0.30233	42	0.14346	103	874.3	4.5	5.956	115	0.22150	265
6500	0.15567	335	0.30275	41	0.14449	101	869.8	4.5	6.071	115	0.22415	263
6600	0.15902	339	0.30316	41	0.14550	101	865.3	4.4	6.186	116	0.22678	261
6700	0.16241	341	0.30357	40	0.14651	101	860.9	4.4	6.302	116	0.22939	259
6800	0.16582	343	0.30397	39	0.14752	99	856.5	4.3	6.418	117	0.23198	257
6900	0.16925	347	0.30436	39	0.14851	99	852.2	4.2	6.535	118	0.23455	255
7000	0.17272	350	0.30475	39	0.14950	99	848.0	4.3	6.653	118	0.23710	254
7100	0.17622	352	0.30514	39	0.15049	98	843.7	4.2	6.771	119	0.23964	252
7200	0.17974	355	0.30553	38	0.15147	98	839.5	4.2	6.890	120	0.24216	251
7300	0.18329	358	0.30591	38	0.15245	98	835.3	4.2	7.010	120	0.24467	250
7400	0.18687	361	0.30629	38	0.15343	97	831.1	4.1	7.130	121	0.24717	248
7500	0.19048	364	0.30667	38	0.15440	97	827.0	4.1	7.251	121	0.24965	246
7600	0.19412	367	0.30705	38	0.15537	96	822.9	4.0	7.372	122	0.25211	245
7700	0.19779	369	0.30743	37	0.15633	96	818.9	4.0	7.494	122	0.25456	244
7800	0.20148	373	0.30780	37	0.15729	96	814.9	4.0	7.616	123	0.25700	242
7900	0.20521	375	0.30817	36	0.15825	95	810.9	3.9	7.739	124	0.25942	241
8000	0.20896	378	0.30853	37	0.15920	96	807.0	3.9	7.863	124	0.26183	240
8100	0.21274	382	0.30890	37	0.16016	96	803.1	3.8	7.987	125	0.26423	238
8200	0.21656	384	0.30927	36	0.16112	95	799.3	3.8	8.112	125	0.26661	238
8300	0.22040	387	0.30963	36	0.16207	95	795.5	3.8	8.237	126	0.26899	237
8400	0.22427	390	0.30999	36	0.16302	94	791.7	3.7	8.363	126	0.27136	235
8500	0.22817	393	0.31036	36	0.16398	94	788.0	3.7	8.489	127	0.27371	233
8600	0.23210	396	0.31072	36	0.16492	95	784.3	3.6	8.616	128	0.27604	233
8700	0.23606	399	0.31108	36	0.16587	95	780.7	3.6	8.744	128	0.27837	231
8800	0.24005	402	0.31144	36	0.16682	94	777.1	3.6	8.872	129	0.28068	231
8900	0.24407	405	0.31180	36	0.16776	94	773.5	3.5	9.001	130	0.28299	231
9000	0.24812	408	0.31216	35	0.16870	93	770.0	3.6	9.131	130	0.28528	229
9100	0.25220	411	0.31251	36	0.16963	93	766.4	3.6	9.261	131	0.28757	227
9200	0.25631	414	0.31287	35	0.17056	93	762.8	3.6	9.392	132	0.28984	227
9300	0.26045	418	0.31322	35	0.17149	93	759.2	3.6	9.524	132	0.29211	226
9400	0.26463	420	0.31357	35	0.17242	93	755.6	3.5	9.656	133	0.29437	225
9500	0.26883	423	0.31392	35	0.17335	93	752.1	3.5	9.789	133	0.29662	223
9600	0.27306	425	0.31427	35	0.17428	93	748.6	3.4	9.922	134	0.29885	223
9700	0.27733	429	0.31462	35	0.17521	93	745.2	3.4	10.056	134	0.30108	223
9800	0.28162	433	0.31497	34	0.17614	93	741.8	3.4	10.190	135	0.30331	221
9900	0.28595	436	0.31531	35	0.17707	93	738.4	3.4	10.325	136	0.30552	220
10000	0.29031	439	0.31566	35	0.17800	94	735.0	3.5	10.461	136	0.30772	220

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TABLE II. $V=1{,}500$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.29031	439	0.31566	35	0.17800	94	735.0	3.5	10.461	136	0.30772	220
10100	0.29470	442	0.31601	34	0.17894	94	731.5	3.4	10.597	138	0.30992	219
10200	0.29912	445	0.31635	35	0.17988	95	728.1	3.4	10.735	137	0.31211	218
10300	0.30357	449	0.31670	34	0.18083	94	724.7	3.3	10.872	139	0.31429	217
10400	0.30806	452	0.31704	34	0.18177	95	721.4	3.4	11.011	139	0.31646	217
10500	0.31258	455	0.31738	34	0.18272	95	718.0	3.4	11.150	140	0.31863	216
10600	0.31713	458	0.31772	34	0.18367	96	714.6	3.3	11.290	140	0.32079	216
10700	0.32171	462	0.31806	34	0.18463	95	711.3	3.4	11.430	141	0.32295	215
10800	0.32633	465	0.31840	34	0.18558	96	707.9	3.3	11.571	141	0.32510	214
10900	0.33098	468	0.31874	34	0.18654	96	704.6	3.3	11.712	142	0.32724	213
11000	0.33566	472	0.31908	33	0.18750	96	701.3	3.3	11.854	143	0.32937	213
11100	0.34038	475	0.31941	33	0.18846	97	698.0	3.2	11.997	144	0.33150	212
11200	0.34513	478	0.31974	34	0.18943	97	694.8	3.3	12.141	144	0.33362	211
11300	0.34991	482	0.32008	33	0.19040	97	691.5	3.2	12.285	145	0.33573	211
11400	0.35473	486	0.32041	33	0.19137	97	688.3	3.2	12.430	146	0.33784	211
11500	0.35959	489	0.32074	34	0.19234	98	685.1	3.2	12.576	146	0.33995	211
11600	0.36448	492	0.32108	33	0.19332	98	681.9	3.2	12.722	147	0.34206	210
11700	0.36940	496	0.32141	34	0.19430	98	678.7	3.2	12.869	148	0.34416	209
11800	0.37436	499	0.32175	33	0.19528	98	675.5	3.2	13.017	148	0.34625	209
11900	0.37935	503	0.32208	34	0.19626	99	672.3	3.1	13.165	149	0.34834	209
12000	0.38438	506	0.32242	34	0.19725	99	669.2	3.1	13.314	150	0.35043	208
12100	0.38944	510	0.32276	34	0.19824	99	666.1	3.1	13.464	150	0.35251	207
12200	0.39454	514	0.32310	34	0.19923	99	663.0	3.1	13.614	152	0.35458	207
12300	0.39968	517	0.32344	34	0.20022	100	659.9	3.1	13.766	152	0.35665	207
12400	0.40485	521	0.32378	34	0.20122	100	656.8	3.1	13.918	152	0.35872	206
12500	0.41006	524	0.32412	34	0.20222	100	653.7	3.0	14.070	153	0.36078	206
12600	0.41530	528	0.32446	34	0.20322	100	650.7	3.1	14.223	154	0.36284	205
12700	0.42058	532	0.32480	34	0.20422	100	647.6	3.0	14.377	155	0.36489	205
12800	0.42590	535	0.32514	35	0.20522	101	644.6	3.0	14.532	156	0.36694	205
12900	0.43125	539	0.32549	34	0.20623	101	641.6	3.0	14.688	156	0.36899	205
13000	0.43664	543	0.32583	34	0.20724	101	638.6	3.0	14.844	157	0.37104	204
13100	0.44207	546	0.32617	35	0.20825	102	635.6	2.9	15.001	158	0.37308	203
13200	0.44753	551	0.32652	35	0.20927	102	632.7	3.0	15.159	158	0.37511	204
13300	0.45304	555	0.32687	34	0.21029	102	629.7	3.0	15.317	159	0.37715	203
13400	0.45859	559	0.32721	35	0.21131	102	626.7	2.9	15.476	160	0.37918	202
13500	0.46418	562	0.32756	35	0.21233	102	623.8	2.9	15.636	161	0.38120	203
13600	0.46980	566	0.32791	34	0.21335	102	620.9	2.9	15.797	161	0.38323	203
13700	0.47546	570	0.32825	35	0.21437	103	618.0	2.9	15.958	162	0.38526	202
13800	0.48116	575	0.32860	35	0.21540	103	615.1	2.8	16.120	163	0.38728	202
13900	0.48691	578	0.32895	35	0.21643	103	612.3	2.9	16.283	164	0.38930	202
14000	0.49269	583	0.32930	35	0.21746	103	609.4	2.8	16.447	164	0.39132	201
14100	0.49852	587	0.32965	35	0.21849	103	606.6	2.8	16.611	165	0.39333	202
14200	0.50439	591	0.33000	35	0.21952	104	603.8	2.9	16.776	166	0.39535	201
14300	0.51030	595	0.33035	35	0.22056	104	600.9	2.8	16.942	167	0.39736	200
14400	0.51625	599	0.33070	36	0.22160	104	598.1	2.7	17.109	168	0.39936	201
14500	0.52224	604	0.33106	35	0.22264	104	595.4	2.8	17.277	168	0.40137	201
14600	0.52828	608	0.33141	35	0.22368	104	592.6	2.8	17.445	169	0.40338	200
14700	0.53436	612	0.33176	36	0.22472	105	589.8	2.7	17.614	170	0.40538	201
14800	0.54048	617	0.33212	35	0.22577	105	587.1	2.8	17.784	171	0.40739	200
14900	0.54665	621	0.33247	36	0.22682	105	584.3	2.7	17.955	171	0.40939	200
15000	0.55286	625	0.33283	36	0.22787	105	581.6	2.7	18.126	172	0.41139	199

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TABLE II. $V=1{,}500$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.55286	625	0.33283	36	0.22787	105	581.6	2.7	18.126	172	0.41139	199
15100	0.55911	629	0.33319	36	0.22892	105	578.9	2.7	18.298	174	0.41338	200
15200	0.56540	634	0.33355	35	0.22997	106	576.2	2.7	18.472	174	0.41538	199
15300	0.57174	639	0.33390	36	0.23103	106	573.5	2.7	18.646	175	0.41737	199
15400	0.57813	643	0.33426	37	0.23209	105	570.8	2.7	18.821	175	0.41936	199
15500	0.58456	647	0.33463	36	0.23314	106	568.1	2.6	18.996	177	0.42135	199
15600	0.59103	652	0.33499	36	0.23420	106	565.5	2.7	19.173	177	0.42334	199
15700	0.59755	657	0.33535	36	0.23526	106	562.8	2.6	19.350	178	0.42533	199
15800	0.60412	661	0.33571	37	0.23632	107	560.2	2.6	19.528	179	0.42732	199
15900	0.61073	666	0.33608	36	0.23739	106	557.6	2.6	19.707	180	0.42931	199
16000	0.61739	671	0.33644	36	0.23845	107	555.0	2.6	19.887	181	0.43130	198
16100	0.62410	675	0.33680	37	0.23952	106	552.4	2.5	20.068	181	0.43328	198
16200	0.63085	679	0.33717	37	0.24059	106	549.9	2.6	20.249	183	0.43526	199
16300	0.63764	684	0.33754	36	0.24165	107	547.3	2.6	20.432	183	0.43725	198
16400	0.64448	689	0.33790	37	0.24272	108	544.7	2.5	20.615	184	0.43923	198
16500	0.65137	695	0.33827	37	0.24380	107	542.2	2.5	20.799	184	0.44121	198
16600	0.65832	700	0.33864	37	0.24487	108	539.7	2.5	20.983	186	0.44319	198
16700	0.66532	705	0.33901	37	0.24595	107	537.2	2.5	21.169	187	0.44517	199
16800	0.67237	710	0.33938	38	0.24702	108	534.7	2.5	21.356	188	0.44716	198
16900	0.67947	714	0.33976	37	0.24810	108	532.2	2.5	21.544	188	0.44914	198
17000	0.68661	719	0.34013	38	0.24918	108	529.7	2.5	21.732	189	0.45112	198
17100	0.69380	724	0.34051	37	0.25026	108	527.2	2.4	21.921	190	0.45310	198
17200	0.70104	730	0.34088	38	0.25134	109	524.8	2.5	22.111	191	0.45508	198
17300	0.70834	735	0.34126	38	0.25243	108	522.3	2.4	22.302	192	0.45706	198
17400	0.71569	740	0.34164	38	0.25351	109	519.9	2.4	22.434	193	0.45904	198
17500	0.72309	746	0.34202	38	0.25460	108	517.5	2.5	22.687	193	0.46102	197
17600	0.73055	751	0.34240	38	0.25568	109	515.0	2.4	22.880	195	0.46299	198
17700	0.73806	756	0.34278	38	0.25677	109	512.6	2.3	23.075	196	0.46497	198
17800	0.74562	761	0.34316	39	0.25786	109	510.3	2.4	23.271	196	0.46695	198
17900	0.75323	766	0.34355	38	0.25895	109	507.9	2.4	23.467	197	0.46893	198
18000	0.76089	771	0.34393	38	0.26004	109	505.5	2.4	23.664	198	0.47091	198
18100	0.76860	777	0.34431	39	0.26113	110	503.1	2.3	23.862	200	0.47289	198
18200	0.77637	783	0.34470	39	0.26223	109	500.8	2.3	24.062	200	0.47487	198
18300	0.78420	788	0.34509	39	0.26332	110	498.5	2.4	24.262	201	0.47685	198
18400	0.79208	794	0.34548	38	0.26442	109	496.1	2.3	24.463	202	0.47883	198
18500	0.80002	800	0.34586	39	0.26551	110	493.8	2.3	24.665	203	0.48081	197
18600	0.80802	805	0.34625	39	0.26661	110	491.5	2.3	24.868	203	0.48278	198
18700	0.81607	811	0.34664	39	0.26771	109	489.2	2.3	25.071	205	0.48476	198
18800	0.82418	817	0.34703	39	0.26880	110	486.9	2.2	25.276	206	0.48674	198
18900	0.83235	822	0.34742	39	0.26990	110	484.7	2.3	25.482	207	0.48872	198
19000	0.84057	828	0.34781	39	0.27100	110	482.4	2.2	25.689	208	0.49070	198
19100	0.84885	834	0.34820	39	0.27210	110	480.2	2.3	25.897	208	0.49268	198
19200	0.85719	840	0.34859	40	0.27320	110	477.9	2.2	26.105	210	0.49466	198
19300	0.86559	846	0.34899	39	0.27430	111	475.7	2.2	26.315	211	0.49664	198
19400	0.87405	853	0.34938	40	0.27541	110	473.5	2.2	26.526	212	0.49862	198
19500	0.88258	858	0.34978	39	0.27651	110	471.3	2.2	26.738	212	0.50060	199
19600	0.89116	865	0.35017	40	0.27761	111	469.1	2.2	26.950	214	0.50259	198
19700	0.89981	871	0.35057	39	0.27872	110	466.9	2.2	27.164	215	0.50457	198
19800	0.90852	877	0.35096	40	0.27982	111	464.7	2.1	27.379	216	0.50655	199
19900	0.91729	883	0.35136	40	0.28093	110	462.6	2.2	27.595	216	0.50854	198
20000	0.92612	889	0.35176	40	0.28203	110	460.4	2.2	27.811	217	0.51052	198

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TABLE II. $V=1{,}550$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	135	0.25000	140	0.00000	396	1550.0	204	0.000	65	0.00000	378
100	0.00135	137	0.25140	137	0.00396	393	1529.6	201	0.065	66	0.00378	380
200	0.00272	140	0.25277	134	0.00789	389	1509.5	199	0.131	66	0.00758	383
300	0.00412	143	0.25411	131	0.01178	386	1489.6	196	0.197	68	0.01141	385
400	0.00555	145	0.25542	129	0.01564	383	1470.0	193	0.265	68	0.01526	387
500	0.00700	148	0.25671	127	0.01947	381	1450.7	189	0.333	69	0.01913	390
600	0.00848	150	0.25798	125	0.02328	379	1431.8	186	0.402	71	0.02303	393
700	0.00998	153	0.25923	122	0.02707	377	1413.2	184	0.473	71	0.02696	395
800	0.01151	155	0.26045	119	0.03084	375	1394.8	181	0.544	72	0.03091	397
900	0.01306	158	0.26164	116	0.03459	375	1376.7	178	0.616	73	0.03488	400
1000	0.01464	161	0.26280	114	0.03834	374	1358.9	176	0.689	74	0.03888	401
1100	0.01625	164	0.26394	112	0.04208	371	1341.3	172	0.763	75	0.04289	402
1200	0.01789	167	0.26506	110	0.04579	367	1324.1	168	0.838	76	0.04691	401
1300	0.01956	170	0.26616	108	0.04946	362	1307.3	163	0.914	77	0.05092	402
1400	0.02126	173	0.26724	106	0.05308	357	1291.0	159	0.991	78	0.05494	402
1500	0.02299	177	0.26830	105	0.05665	352	1275.1	154	1.069	79	0.05896	402
1600	0.02476	179	0.26935	104	0.06017	346	1259.7	149	1.148	80	0.06298	403
1700	0.02655	183	0.27039	103	0.06363	341	1244.8	144	1.228	80	0.06701	402
1800	0.02838	185	0.27142	102	0.06704	336	1230.4	139	1.308	82	0.07103	403
1900	0.03023	189	0.27244	101	0.07040	328	1216.5	133	1.390	83	0.07506	403
2000	0.03212	192	0.27345	101	0.07368	318	1203.2	128	1.473	84	0.07909	401
2100	0.03404	195	0.27446	100	0.07686	307	1190.4	123	1.557	84	0.08310	399
2200	0.03599	198	0.27546	100	0.07993	297	1178.1	119	1.641	85	0.08709	398
2300	0.03797	201	0.27646	100	0.08290	289	1166.2	115	1.726	86	0.09107	395
2400	0.03998	205	0.27746	99	0.08579	281	1154.7	111	1.812	87	0.09502	393
2500	0.04203	208	0.27845	98	0.08860	273	1143.6	107	1.899	88	0.09895	392
2600	0.04411	211	0.27943	97	0.09133	264	1132.9	103	1.987	89	0.10287	390
2700	0.04622	214	0.28040	96	0.09397	256	1122.6	99	2.076	89	0.10677	389
2800	0.04836	217	0.28136	93	0.09653	247	1112.7	95	2.165	91	0.11066	386
2900	0.05053	221	0.28229	91	0.09900	237	1103.2	92	2.256	91	0.11452	384
3000	0.05274	224	0.28320	88	0.10137	227	1094.0	88	2.347	92	0.11836	381
3100	0.05498	227	0.28408	87	0.10364	218	1085.2	85	2.439	93	0.12217	377
3200	0.05725	230	0.28495	85	0.10582	210	1076.7	83	2.532	93	0.12594	373
3300	0.05955	233	0.28580	84	0.10792	203	1068.4	81	2.625	94	0.12967	370
3400	0.06188	236	0.28664	82	0.10995	197	1060.3	79	2.719	95	0.13337	367
3500	0.06424	239	0.28746	81	0.11192	189	1052.4	77	2.814	96	0.13704	363
3600	0.06663	242	0.28827	79	0.11381	182	1044.7	75	2.910	96	0.14067	359
3700	0.06905	244	0.28906	78	0.11563	176	1037.2	73	3.006	97	0.14426	356
3800	0.07149	248	0.28984	77	0.11739	169	1029.9	70	3.103	97	0.14782	353
3900	0.07397	251	0.29061	75	0.11908	162	1022.9	67	3.200	98	0.15135	348
4000	0.07648	254	0.29136	73	0.12070	157	1016.2	65	3.298	99	0.15483	345
4100	0.07902	257	0.29209	71	0.12227	153	1009.7	63	3.397	99	0.15828	343
4200	0.08159	260	0.29280	70	0.12380	149	1003.4	61	3.496	100	0.16171	340
4300	0.08419	262	0.29350	68	0.12529	145	997.3	61	3.596	101	0.16511	336
4400	0.08681	266	0.29418	67	0.12674	141	991.2	60	3.697	101	0.16847	333
4500	0.08947	268	0.29485	66	0.12815	137	985.2	60	3.798	102	0.17180	330
4600	0.09215	272	0.29551	66	0.12952	133	979.2	59	3.900	102	0.17510	327
4700	0.09487	274	0.29617	63	0.13085	129	973.3	58	4.002	103	0.17837	323
4800	0.09761	277	0.29680	61	0.13214	125	967.5	58	4.105	104	0.18160	320
4900	0.10038	280	0.29741	59	0.13339	122	961.7	56	4.209	104	0.18480	317
5000	0.10318	283	0.29800	58	0.13461	120	956.1	54	4.313	105	0.18797	314

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TABLE II. *V=1,550 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.10318	283	0.29800	58	0.13461	120	956.1	54	4.313	105	0.18797	314
5100	0.10601	285	0.29858	58	0.13580	119	950.7	53	4.418	106	0.19111	311
5200	0.10886	289	0.29916	56	0.13698	116	945.4	52	4.524	106	0.19422	308
5300	0.11175	291	0.29972	54	0.13814	114	940.2	52	4.630	107	0.19730	306
5400	0.11466	294	0.30026	54	0.13928	112	935.0	51	4.737	107	0.20036	303
5500	0.11760	297	0.30080	53	0.14040	110	929.9	51	4.844	108	0.20339	300
5600	0.12057	300	0.30133	51	0.14150	108	924.8	50	4.952	108	0.20639	297
5700	0.12357	302	0.30184	51	0.14258	106	919.8	50	5.060	109	0.20936	295
5800	0.12659	305	0.30235	49	0.14364	104	914.8	49	5.169	110	0.21231	292
5900	0.12964	308	0.30284	48	0.14468	102	909.9	49	5.279	110	0.21523	290
6000	0.13272	311	0.30332	47	0.14570	101	905.0	49	5.389	111	0.21813	287
6100	0.13583	314	0.30379	46	0.14671	100	900.1	49	5.500	111	0.22100	285
6200	0.13897	316	0.30425	45	0.14771	100	895.2	48	5.611	112	0.22385	283
6300	0.14213	319	0.30470	45	0.14871	100	890.4	47	5.723	113	0.22668	281
6400	0.14532	322	0.30515	44	0.14971	99	885.7	47	5.836	113	0.22949	279
6500	0.14854	325	0.30559	43	0.15070	99	881.0	47	5.949	114	0.23228	276
6600	0.15179	328	0.30602	42	0.15169	98	876.3	47	6.063	114	0.23504	274
6700	0.15507	330	0.30644	41	0.15267	98	871.6	46	6.177	115	0.23778	272
6800	0.15837	333	0.30685	41	0.15365	98	867.9	45	6.292	116	0.24050	270
6900	0.16170	336	0.30726	40	0.15463	97	862.5	44	6.408	116	0.24320	268
7000	0.16506	339	0.30766	39	0.15560	97	858.1	43	6.524	117	0.24588	266
7100	0.16845	341	0.30805	39	0.15657	96	853.8	42	6.641	117	0.24854	265
7200	0.17186	345	0.30844	39	0.15753	96	849.6	42	6.758	118	0.25119	263
7300	0.17531	347	0.30883	38	0.15849	96	845.4	41	6.876	119	0.25382	261
7400	0.17878	350	0.30921	38	0.15945	95	841.3	41	6.995	119	0.25643	260
7500	0.18228	353	0.30959	38	0.16040	95	837.2	41	7.114	120	0.25903	258
7600	0.18581	356	0.30997	37	0.16135	94	833.1	41	7.234	120	0.26161	256
7700	0.18937	359	0.31034	37	0.16229	94	829.0	40	7.354	121	0.26417	255
7800	0.19296	361	0.31071	36	0.16323	94	825.0	40	7.475	122	0.26572	253
7900	0.19657	365	0.31107	36	0.16417	93	821.0	40	7.597	122	0.26925	251
8000	0.20022	368	0.31143	37	0.16510	92	817.0	39	7.719	123	0.27176	251
8100	0.20390	370	0.31180	36	0.16602	92	813.1	39	7.842	123	0.27427	249
8200	0.20760	374	0.31216	36	0.16694	92	809.2	39	7.965	124	0.27676	248
8300	0.21134	376	0.31252	37	0.16786	91	805.3	38	8.089	124	0.27924	246
8400	0.21510	379	0.31289	36	0.16877	91	801.5	38	8.213	125	0.28170	244
8500	0.21889	383	0.31325	35	0.16968	91	797.7	38	8.338	126	0.28416	243
8600	0.22272	385	0.31360	36	0.17059	91	793.9	38	8.464	126	0.28659	243
8700	0.22657	388	0.31396	35	0.17150	90	790.1	37	8.590	127	0.28902	241
8800	0.23045	391	0.31431	36	0.17240	90	786.4	37	8.717	128	0.29143	240
8900	0.23436	394	0.31467	35	0.17330	90	782.7	37	8.845	128	0.29383	239
9000	0.23830	397	0.31502	35	0.17420	90	779.0	37	8.973	129	0.29622	237
9100	0.24227	400	0.31537	35	0.17510	90	775.3	37	9.102	129	0.29859	237
9200	0.24627	403	0.31572	35	0.17600	90	771.6	37	9.231	130	0.30096	235
9300	0.25030	406	0.31607	34	0.17690	90	767.9	36	9.361	130	0.30331	234
9400	0.25436	408	0.31641	35	0.17780	90	764.3	36	9.491	131	0.30565	233
9500	0.25845	412	0.31676	34	0.17870	90	760.7	36	9.622	132	0.30798	232
9600	0.26257	415	0.31710	35	0.17960	90	757.1	36	9.754	132	0.31030	232
9700	0.26672	418	0.31745	34	0.18050	90	753.5	35	9.886	133	0.31262	230
9800	0.27090	421	0.31779	34	0.18140	90	750.0	35	10.019	134	0.31492	229
9900	0.27511	424	0.31813	34	0.18230	90	746.5	35	10.153	134	0.31721	228
10000	0.27935	427	0.31847	34	0.18320	90	743.0	35	10.287	135	0.31949	227

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TABLE II. $V=1{,}550$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.27935	427	0.31847	34	0.18320	90	743.0	3.5	10.287	135	0.31949	227
10100	0.28362	431	0.31881	34	0.18410	91	739.5	3.4	10.422	135	0.32176	226
10200	0.28793	433	0.31915	33	0.18501	91	736.1	3.4	10.557	136	0.32402	226
10300	0.29226	437	0.31948	34	0.18592	91	732.7	3.4	10.693	136	0.32628	225
10400	0.29663	441	0.31982	33	0.18683	91	729.3	3.4	10.829	137	0.32853	224
10500	0.30104	443	0.32015	33	0.18774	91	725.9	3.3	10.966	138	0.33077	223
10600	0.30547	446	0.32048	34	0.18865	91	722.6	3.3	11.104	139	0.33300	222
10700	0.30993	450	0.32082	33	0.18956	92	719.3	3.3	11.243	139	0.33522	222
10800	0.31443	453	0.32115	33	0.19048	92	716.0	3.3	11.382	140	0.33744	221
10900	0.31896	456	0.32148	33	0.19140	92	712.7	3.3	11.522	141	0.33965	220
11000	0.32352	460	0.32181	33	0.19232	92	709.4	3.3	11.663	141	0.34185	220
11100	0.32812	464	0.32214	34	0.19324	92	706.1	3.3	11.804	142	0.34405	219
11200	0.33276	466	0.32248	33	0.19416	93	702.8	3.2	11.946	143	0.34624	219
11300	0.33742	470	0.32281	33	0.19509	93	699.6	3.3	12.089	143	0.34843	218
11400	0.34212	474	0.32314	33	0.19602	93	696.3	3.2	12.232	144	0.35061	217
11500	0.34686	476	0.32347	32	0.19695	93	693.1	3.2	12.376	145	0.35278	217
11600	0.35162	480	0.32379	33	0.19788	93	689.9	3.2	12.521	146	0.35495	216
11700	0.35642	484	0.32412	33	0.19881	94	686.7	3.2	12.667	146	0.35711	216
11800	0.36126	486	0.32445	33	0.19975	94	683.5	3.2	12.813	147	0.35927	215
11900	0.36612	490	0.32478	32	0.20069	95	680.3	3.2	12.960	147	0.36142	214
12000	0.37102	494	0.32510	32	0.20164	95	677.1	3.1	13.107	148	0.36356	214
12100	0.37596	497	0.32542	32	0.20259	95	673.9	3.1	13.255	149	0.36570	213
12200	0.38093	501	0.32574	32	0.20354	95	670.8	3.2	13.404	149	0.36783	213
12300	0.38594	504	0.32606	32	0.20449	96	667.6	3.1	13.553	150	0.36996	212
12400	0.39098	508	0.32638	32	0.20545	96	664.5	3.1	13.703	151	0.37208	212
12500	0.39606	512	0.32670	32	0.20641	96	661.4	3.1	13.854	152	0.37420	211
12600	0.40118	515	0.32702	32	0.20737	96	658.3	3.0	14.006	152	0.37631	211
12700	0.40633	519	0.32734	32	0.20833	97	655.3	3.1	14.158	153	0.37842	210
12800	0.41152	522	0.32766	32	0.20930	97	652.2	3.1	14.311	154	0.38052	210
12900	0.41674	526	0.32798	32	0.21027	97	649.1	3.0	14.465	154	0.38262	209
13000	0.42200	530	0.32830	32	0.21124	97	646.1	3.0	14.619	155	0.38471	209
13100	0.42730	533	0.32862	33	0.21221	98	643.1	3.0	14.774	156	0.38680	209
13200	0.43263	538	0.32895	32	0.21319	98	640.1	3.0	14.930	156	0.38889	208
13300	0.43801	541	0.32927	33	0.21417	98	637.1	3.0	15.086	157	0.39097	208
13400	0.44342	545	0.32960	33	0.21515	99	634.1	3.0	15.243	158	0.39305	208
13500	0.44887	549	0.32993	32	0.21614	99	631.1	2.9	15.401	159	0.39513	207
13600	0.45436	553	0.33025	33	0.21713	99	628.2	2.9	15.560	160	0.39720	207
13700	0.45989	556	0.33058	34	0.21812	99	625.3	2.9	15.720	160	0.39927	207
13800	0.46545	561	0.33092	33	0.21911	100	622.4	2.9	15.880	161	0.40134	206
13900	0.47106	564	0.33125	33	0.22011	100	619.5	2.9	16.041	162	0.40340	206
14000	0.47670	568	0.33158	34	0.22111	100	616.6	2.9	16.203	163	0.40546	206
14100	0.48238	572	0.33192	34	0.22211	101	613.7	2.9	16.366	163	0.40752	205
14200	0.48810	577	0.33226	35	0.22312	101	610.8	2.8	16.529	164	0.40957	205
14300	0.49387	580	0.33259	34	0.22413	101	608.0	2.8	16.693	165	0.41162	205
14400	0.49967	585	0.33293	35	0.22514	101	605.2	2.9	16.858	166	0.41367	205
14500	0.50552	589	0.33328	34	0.22615	102	602.3	2.8	17.024	166	0.41572	204
14600	0.51141	593	0.33362	34	0.22717	102	599.5	2.8	17.190	167	0.41776	204
14700	0.51734	598	0.33396	35	0.22819	102	596.7	2.8	17.357	168	0.41981	204
14800	0.52332	601	0.33431	34	0.22921	102	593.9	2.8	17.525	169	0.42185	204
14900	0.52933	606	0.33465	35	0.23023	102	591.1	2.7	17.694	169	0.42389	203
15000	0.53539	610	0.33500	35	0.23125	102	588.4	2.7	17.863	171	0.42592	203

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TABLE II. *V=1,550 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.53539	610	0.33500	35	0.23125	102	588.4	2.7	17.863	171	0.42592	203
15100	0.54149	614	0.33535	35	0.23227	102	585.7	2.8	18.034	171	0.42795	204
15200	0.54763	619	0.33570	35	0.23329	102	582.9	2.7	18.205	172	0.42999	204
15300	0.55382	623	0.33605	35	0.23431	103	580.2	2.7	18.377	173	0.43203	203
15400	0.56005	628	0.33640	35	0.23534	103	577.5	2.7	18.550	174	0.43406	202
15500	0.56633	632	0.33675	35	0.23637	102	574.8	2.7	18.724	174	0.43608	203
15600	0.57265	637	0.33710	35	0.23739	103	572.1	2.6	18.898	175	0.43811	202
15700	0.57902	641	0.33745	35	0.23842	104	569.5	2.6	19.073	176	0.44013	203
15800	0.58543	645	0.33780	36	0.23946	103	566.9	2.7	19.249	177	0.44216	202
15900	0.59188	650	0.33816	35	0.24049	104	564.2	2.6	19.426	178	0.44418	202
16000	0.59838	654	0.33851	35	0.24153	104	561.6	2.6	19.604	178	0.44620	202
16100	0.60492	659	0.33886	36	0.24257	105	559.0	2.6	19.782	179	0.44822	201
16200	0.61151	664	0.33922	35	0.24362	104	556.4	2.6	19.961	180	0.45023	202
16300	0.61815	668	0.33957	36	0.24466	105	553.8	2.6	20.141	181	0.45225	201
16400	0.62483	674	0.33993	36	0.24571	105	551.2	2.6	20.322	182	0.45426	202
16500	0.63157	677	0.34029	35	0.24676	105	548.6	2.6	20.504	183	0.45628	201
16600	0.63834	683	0.34064	36	0.24781	106	546.0	2.5	20.687	183	0.45829	201
16700	0.64517	688	0.34100	36	0.24887	105	543.5	2.5	20.870	184	0.46030	202
16800	0.65205	692	0.34136	36	0.24992	106	541.0	2.6	21.054	186	0.46232	201
16900	0.65897	697	0.34172	36	0.25098	106	538.4	2.5	21.240	186	0.46433	201
17000	0.66594	702	0.34208	36	0.25204	106	535.9	2.5	21.426	187	0.46634	201
17100	0.67296	708	0.34244	37	0.25310	106	533.4	2.5	21.613	188	0.46835	200
17200	0.68004	712	0.34281	37	0.25416	106	530.9	2.5	21.801	189	0.47035	201
17300	0.68716	718	0.34318	36	0.25522	106	528.4	2.4	21.990	190	0.47236	201
17400	0.69434	723	0.34354	37	0.25628	106	526.0	2.5	22.180	191	0.47437	201
17500	0.70157	728	0.34391	37	0.25734	106	523.5	2.4	22.371	192	0.47638	200
17600	0.70885	733	0.34428	37	0.25840	106	521.1	2.5	22.563	193	0.47838	201
17700	0.71618	738	0.34465	37	0.25946	107	518.6	2.4	22.756	193	0.48039	201
17800	0.72356	744	0.34502	37	0.26053	106	516.2	2.4	22.949	194	0.48240	200
17900	0.73100	748	0.34539	37	0.26159	107	513.8	2.4	23.143	195	0.48440	201
18000	0.73848	752	0.34576	37	0.26266	107	511.4	2.4	23.338	196	0.48641	200
18100	0.74602	759	0.34613	38	0.26373	107	509.0	2.4	23.534	197	0.48841	201
18200	0.75361	764	0.34651	37	0.26480	107	506.6	2.3	23.731	198	0.49042	200
18300	0.76125	770	0.34688	38	0.26587	107	504.3	2.4	23.929	199	0.49242	201
18400	0.76895	776	0.34726	38	0.26694	107	501.9	2.3	24.128	200	0.49443	200
18500	0.77671	781	0.34764	37	0.26801	107	499.6	2.3	24.328	200	0.49643	200
18600	0.78452	787	0.34801	38	0.26908	108	497.3	2.3	24.528	201	0.49843	201
18700	0.79239	792	0.34839	38	0.27016	108	495.0	2.3	24.729	202	0.50044	200
18800	0.80031	798	0.34877	38	0.27124	107	492.7	2.3	24.931	204	0.50244	200
18900	0.80829	803	0.34915	38	0.27231	108	490.4	2.3	25.135	204	0.50444	200
19000	0.81632	809	0.34953	38	0.27339	108	488.1	2.3	25.339	205	0.50645	201
19100	0.82441	815	0.34991	38	0.27447	108	485.8	2.3	25.544	207	0.50845	200
19200	0.83256	820	0.35029	38	0.27555	109	483.5	2.2	25.751	207	0.51045	200
19300	0.84076	827	0.35067	38	0.27664	108	481.3	2.3	25.958	208	0.51245	201
19400	0.84903	833	0.35105	39	0.27772	109	479.0	2.2	26.166	210	0.51446	200
19500	0.85736	838	0.35144	38	0.27881	108	476.8	2.2	26.376	210	0.51646	200
19600	0.86574	845	0.35182	39	0.27989	109	474.6	2.2	26.586	211	0.51846	201
19700	0.87419	850	0.35221	38	0.28098	108	472.4	2.2	26.797	212	0.52047	201
19800	0.88269	857	0.35259	39	0.28206	109	470.2	2.2	27.009	214	0.52248	200
19900	0.89126	862	0.35298	39	0.28315	109	468.0	2.2	27.223	214	0.52448	201
20000	0.89988	868	0.35337	39	0.28424	109	465.8	2.2	27.437	214	0.52649	201

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TABLE II. $V=1{,}600$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	126	0.25000	141	0.00000	380	1600.0	210	0.000	63	0.00000	384
100	0.00126	129	0.25141	138	0.00380	381	1579.0	208	0.063	63	0.00884	385
200	0.00255	131	0.25279	135	0.00761	381	1558.2	204	0.126	65	0.00769	386
300	0.00386	134	0.25414	132	0.01142	381	1537.8	200	0.191	65	0.01155	387
400	0.00520	136	0.25546	130	0.01523	381	1517.8	197	0.256	66	0.01542	389
500	0.00656	139	0.25676	127	0.01904	382	1498.1	194	0.322	68	0.01931	390
600	0.00795	141	0.25803	125	0.02286	381	1478.7	191	0.390	68	0.02321	391
700	0.00936	143	0.25928	122	0.02667	381	1459.6	189	0.458	69	0.02712	392
800	0.01079	146	0.26050	119	0.03048	381	1440.7	188	0.527	70	0.03104	393
900	0.01225	149	0.26169	116	0.03429	381	1421.9	189	0.597	71	0.03497	394
1000	0.01374	151	0.26285	113	0.03810	380	1403.0	186	0.668	72	0.03891	396
1100	0.01525	153	0.26398	110	0.04190	380	1384.4	181	0.740	73	0.04287	398
1200	0.01678	156	0.26508	107	0.04570	378	1366.3	177	0.813	74	0.04685	400
1300	0.01834	160	0.26615	104	0.04948	376	1348.6	173	0.887	75	0.05085	401
1400	0.01994	163	0.26719	104	0.05324	372	1331.3	168	0.962	75	0.05486	402
1500	0.02157	165	0.26823	104	0.05696	367	1314.5	164	1.037	77	0.05888	406
1600	0.02322	169	0.26927	107	0.06063	361	1298.1	160	1.114	77	0.06294	407
1700	0.02491	172	0.27034	110	0.06424	357	1282.1	155	1.191	78	0.06701	409
1800	0.02663	175	0.27144	111	0.06781	352	1266.6	150	1.269	80	0.07110	410
1900	0.02838	178	0.27255	112	0.07133	347	1251.6	146	1.349	80	0.07520	412
2000	0.03016	181	0.27367	112	0.07480	340	1237.0	143	1.429	81	0.07932	413
2100	0.03197	184	0.27479	110	0.07820	333	1222.7	138	1.510	83	0.08345	411
2200	0.03381	187	0.27589	109	0.08153	324	1208.9	133	1.593	83	0.08756	409
2300	0.03568	190	0.27698	108	0.08477	316	1195.6	128	1.676	85	0.09165	408
2400	0.03758	193	0.27806	107	0.08793	307	1182.8	123	1.761	85	0.09573	406
2500	0.03951	197	0.27913	106	0.09100	300	1170.5	119	1.846	86	0.09979	404
2600	0.04148	200	0.28019	105	0.09400	290	1158.6	112	1.932	86	0.10383	402
2700	0.04348	203	0.28124	104	0.09690	280	1147.4	106	2.018	87	0.10785	399
2800	0.04551	206	0.28228	102	0.09970	270	1136.8	101	2.105	88	0.11184	400
2900	0.04757	209	0.28330	100	0.10240	260	1126.7	97	2.193	89	0.11584	397
3000	0.04966	212	0.28430	98	0.10500	250	1117.0	94	2.282	90	0.11981	394
3100	0.05178	216	0.28528	96	0.10750	240	1107.6	92	2.372	91	0.12375	391
3200	0.05394	218	0.28624	94	0.10990	230	1098.4	90	2.463	92	0.12766	388
3300	0.05612	222	0.28718	92	0.11220	220	1089.4	88	2.555	92	0.13154	385
3400	0.05834	225	0.28810	90	0.11440	210	1080.6	85	2.647	93	0.13539	383
3500	0.06059	228	0.28900	88	0.11650	202	1072.1	83	2.740	94	0.13922	380
3600	0.06287	231	0.28988	86	0.11852	196	1063.8	80	2.834	94	0.14302	377
3700	0.06518	234	0.29074	84	0.12048	190	1055.8	78	2.928	95	0.14679	375
3800	0.06752	237	0.29158	82	0.12238	184	1048.0	76	3.023	96	0.15054	371
3900	0.06989	240	0.29240	80	0.12422	178	1040.4	74	3.119	96	0.15425	369
4000	0.07228	243	0.29320	78	0.12600	173	1033.0	71	3.215	97	0.15794	364
4100	0.07472	247	0.29398	76	0.12773	167	1025.9	69	3.312	98	0.16158	360
4200	0.07719	249	0.29474	74	0.12940	160	1019.0	68	3.410	99	0.16518	358
4300	0.07968	252	0.29548	73	0.13100	155	1012.2	67	3.509	99	0.16876	355
4400	0.08220	255	0.29621	71	0.13255	150	1005.5	65	3.608	100	0.17231	352
4500	0.08475	258	0.29692	70	0.13405	145	999.0	63	3.708	100	0.17583	346
4600	0.08733	260	0.29762	68	0.13550	141	992.7	61	3.808	101	0.17929	344
4700	0.08993	264	0.29830	66	0.13691	137	986.6	60	3.909	102	0.18273	341
4800	0.09257	267	0.29896	65	0.13828	133	980.6	59	4.011	102	0.18614	338
4900	0.09524	269	0.29961	63	0.13961	129	974.7	57	4.113	103	0.18952	335
5000	0.09795	272	0.30024	61	0.14090	123	969.0	56	4.216	104	0.19287	331

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TABLE II. $V=1{,}600\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.09793	272	0.30024	61	0.14090	123	969.0	56	4.216	104	0.19287	331
5100	0.10065	276	0.30085	60	0.14213	118	963.4	55	4.320	104	0.19618	328
5200	0.10341	278	0.30145	59	0.14331	116	957.9	55	4.424	105	0.19946	325
5300	0.10619	280	0.30204	57	0.14447	114	952.4	54	4.529	105	0.20271	322
5400	0.10899	284	0.30261	57	0.14561	113	947.0	53	4.634	106	0.20593	319
5500	0.11183	286	0.30318	55	0.14674	112	941.7	53	4.740	106	0.20912	316
5600	0.11469	290	0.30373	54	0.14786	110	936.4	52	4.846	107	0.21228	313
5700	0.11759	292	0.30427	52	0.14896	107	931.2	51	4.953	108	0.21541	310
5800	0.12051	294	0.30479	51	0.15003	105	926.1	51	5.061	108	0.21851	307
5900	0.12345	298	0.30530	51	0.15108	102	921.0	50	5.169	109	0.22158	304
6000	0.12643	301	0.30581	51	0.15210	100	916.0	50	5.278	109	0.22462	302
6100	0.12944	303	0.30632	49	0.15310	100	911.0	49	5.387	110	0.22764	299
6200	0.13247	306	0.30681	49	0.15410	100	906.1	49	5.497	111	0.23063	298
6300	0.13553	309	0.30730	48	0.15510	100	901.2	48	5.608	111	0.23361	295
6400	0.13862	312	0.30778	47	0.15610	100	896.4	48	5.719	112	0.23656	292
6500	0.14174	314	0.30825	46	0.15710	99	891.6	46	5.831	112	0.23948	290
6600	0.14488	317	0.30871	45	0.15809	98	887.0	46	5.943	113	0.24238	288
6700	0.14805	320	0.30916	44	0.15907	97	882.4	45	6.056	113	0.24526	286
6800	0.15125	323	0.30960	44	0.16004	96	877.9	45	6.169	114	0.24812	283
6900	0.15448	326	0.31004	42	0.16100	94	873.4	44	6.283	115	0.25095	281
7000	0.15774	329	0.31046	41	0.16194	93	869.0	44	6.398	115	0.25376	279
7100	0.16103	331	0.31087	40	0.16287	92	864.6	44	6.513	116	0.25655	277
7200	0.16434	334	0.31127	39	0.16379	91	860.2	43	6.629	117	0.25932	276
7300	0.16768	337	0.31166	40	0.16470	90	855.9	43	6.746	117	0.26208	273
7400	0.17105	340	0.31206	39	0.16560	90	851.6	42	6.863	118	0.26481	272
7500	0.17445	343	0.31245	38	0.16650	90	847.4	42	6.981	119	0.26753	270
7600	0.17788	346	0.31283	38	0.16740	90	843.2	41	7.100	119	0.27023	268
7700	0.18134	348	0.31321	38	0.16830	90	839.1	41	7.219	119	0.27291	266
7800	0.18482	351	0.31359	37	0.16920	90	835.0	40	7.338	120	0.27557	265
7900	0.18833	354	0.31396	37	0.17010	90	831.0	40	7.458	121	0.27822	262
8000	0.19187	357	0.31433	35	0.17100	90	827.0	41	7.579	121	0.28084	261
8100	0.19544	360	0.31468	35	0.17190	90	822.9	40	7.700	122	0.28345	259
8200	0.19904	363	0.31503	35	0.17280	91	818.9	40	7.822	122	0.28604	258
8300	0.20267	365	0.31538	35	0.17371	92	814.9	40	7.944	123	0.28862	257
8400	0.20632	369	0.31573	35	0.17263	93	810.9	39	8.067	124	0.29119	255
8500	0.21001	371	0.31608	35	0.17356	91	807.0	39	8.191	124	0.29374	253
8600	0.21372	375	0.31643	34	0.17447	89	803.1	38	8.315	125	0.29627	252
8700	0.21747	377	0.31677	35	0.17536	87	799.3	38	8.440	125	0.29879	251
8800	0.22124	380	0.31712	34	0.17623	85	795.5	38	8.565	126	0.30130	249
8900	0.22504	383	0.31746	34	0.17708	82	791.7	37	8.691	127	0.30379	248
9000	0.22887	386	0.31780	34	0.17990	83	788.0	37	8.818	127	0.30627	247
9100	0.23273	389	0.31814	34	0.18073	84	784.3	37	8.945	128	0.30874	246
9200	0.23662	393	0.31848	34	0.18157	85	780.6	37	9.073	128	0.31120	244
9300	0.24055	395	0.31882	33	0.18242	86	776.9	37	9.201	129	0.31364	244
9400	0.24450	398	0.31915	34	0.18328	87	773.2	36	9.330	130	0.31608	243
9500	0.24848	402	0.31949	33	0.18415	87	769.6	36	9.460	130	0.31851	240
9600	0.25250	404	0.31982	34	0.18502	87	766.0	35	9.590	131	0.32091	240
9700	0.25654	407	0.32016	33	0.18589	86	762.5	35	9.721	132	0.32331	238
9800	0.26061	411	0.32049	33	0.18675	87	759.0	35	9.853	132	0.32569	238
9900	0.26472	413	0.32082	33	0.18762	88	755.5	35	9.985	133	0.32807	236
10000	0.26885	416	0.32115	32	0.18850	86	752.0	35	10.118	134	0.33043	235

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TABLE II. *V=1,600 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T''*	Δ	*log Q*	Δ
10000	0.26885	416	0.32115	32	0.18850	86	752.0	35	10.118	134	0.33043	235
10100	0.27301	419	0.32147	33	0.18936	86	748.5	35	10.252	134	0.33278	235
10200	0.27720	422	0.32180	32	0.19022	87	745.0	35	10.386	134	0.33513	234
10300	0.28142	427	0.32212	33	0.19109	86	741.5	35	10.520	135	0.33747	232
10400	0.28569	428	0.32245	32	0.19195	87	738.0	34	10.655	136	0.33979	232
10500	0.28997	433	0.32277	32	0.19282	87	734.6	35	10.791	136	0.34211	231
10600	0.29430	435	0.32309	33	0.19369	87	731.1	34	10.927	137	0.34442	230
10700	0.29865	438	0.32342	32	0.19456	87	727.7	34	11.064	138	0.34672	229
10800	0.30303	443	0.32374	33	0.19543	87	724.3	34	11.202	139	0.34901	228
10900	0.30746	445	0.32407	32	0.19630	88	720.9	34	11.341	139	0.35129	227
11000	0.31191	448	0.32439	32	0.19718	88	717.5	34	11.480	140	0.35356	227
11100	0.31639	452	0.32471	33	0.19806	89	714.1	33	11.620	140	0.35583	225
11200	0.32091	454	0.32504	32	0.19895	89	710.8	34	11.760	141	0.35808	225
11300	0.32545	458	0.32536	33	0.19984	89	707.4	33	11.901	142	0.36033	225
11400	0.33003	462	0.32569	32	0.20073	90	704.1	32	12.043	142	0.36258	224
11500	0.33465	464	0.32601	32	0.20163	89	700.9	33	12.185	143	0.36482	223
11600	0.33929	469	0.32633	33	0.20252	90	697.6	33	12.328	144	0.36705	222
11700	0.34398	471	0.32666	32	0.20342	91	694.3	32	12.472	144	0.36927	221
11800	0.34869	475	0.32698	33	0.20433	90	691.1	32	12.616	145	0.37148	221
11900	0.35344	478	0.32731	32	0.20523	91	687.9	32	12.761	146	0.37369	220
12000	0.35822	482	0.32763	32	0.20614	91	684.7	32	12.907	146	0.37589	220
12100	0.36304	485	0.32795	32	0.20705	92	681.5	32	13.053	147	0.37809	219
12200	0.36789	488	0.32827	32	0.20797	91	678.3	32	13.200	148	0.38028	218
12300	0.37277	492	0.32859	32	0.20888	92	675.1	31	13.348	148	0.38246	218
12400	0.37769	496	0.32891	32	0.20980	93	672.0	32	13.496	149	0.38464	217
12500	0.38265	499	0.32923	31	0.21073	92	668.8	31	13.645	150	0.38681	217
12600	0.38764	503	0.32954	32	0.21165	93	665.7	30	13.795	151	0.38898	216
12700	0.39267	506	0.32986	32	0.21258	94	662.7	31	13.946	151	0.39114	216
12800	0.39773	510	0.33018	32	0.21352	93	659.6	31	14.097	152	0.39330	215
12900	0.40283	513	0.33050	32	0.21445	94	656.5	30	14.249	153	0.39545	215
13000	0.40796	517	0.33082	31	0.21539	95	653.5	30	14.402	153	0.39760	214
13100	0.41313	520	0.33113	32	0.21634	95	650.5	31	14.555	154	0.39974	214
13200	0.41833	525	0.33145	31	0.21729	95	647.4	30	14.709	155	0.40188	214
13300	0.42358	528	0.33176	31	0.21824	95	644.4	30	14.864	156	0 40402	213
13400	0.42886	532	0.33207	32	0.21919	96	641.4	30	15.020	156	0.40615	213
13500	0.43418	536	0.33239	32	0.22015	95	638.4	30	15.176	157	0.40828	212
13600	0.43954	539	0.33271	32	0.22110	96	635.4	30	15.333	157	0.41040	212
13700	0.44493	543	0.33303	32	0.22206	96	632.4	29	15.490	159	0.41252	211
13800	0.45036	547	0.33335	32	0.22302	97	629.5	30	15.649	159	0.41463	211
13900	0.45583	551	0.33367	32	0.22399	96	626.5	29	15.808	160	0.41674	210
14000	0.46134	555	0.33399	32	0.22495	97	623.6	29	15.968	161	0.41884	210
14100	0.46689	559	0.33431	33	0.22592	97	620.7	29	16.129	161	0.42094	210
14200	0.47248	563	0.33464	32	0.22689	97	617.8	29	16.290	162	0.42304	210
14300	0.47811	567	0.33496	32	0.22786	97	614.9	29	16.452	163	0.42514	209
14400	0.48378	571	0.33528	33	0.22883	98	612.0	28	16.615	164	0.42723	209
14500	0.48949	576	0.33561	33	0.22981	98	609.2	29	16.779	165	0.42932	209
14600	0.49525	579	0.33594	33	0.23079	98	606.3	28	16.944	165	0.43141	208
14700	0.50104	584	0.33627	33	0.23177	99	603.5	28	17.109	166	0.43349	208
14800	0.50688	587	0.33660	33	0.23276	98	600.7	28	17.275	167	0.43557	208
14900	0.51275	592	0.33693	33	0.23374	99	597.9	28	17.442	168	0.43765	207
15000	0.51867	596	0.33726	33	0.23473	99	595.1	28	17.610	169	0.43972	207

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TABLE II. $V=1{,}600$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.51867	596	0.33726	33	0.23473	99	595.1	28	17.610	169	0.43972	207
15100	0.52463	600	0.33759	34	0.23572	100	592.3	27	17.779	169	0.44179	207
15200	0.53063	605	0.33793	34	0.23672	100	589.6	28	17.948	170	0.44386	207
15300	0.53668	607	0.33827	33	0.23772	99	586.8	28	18.118	171	0.44593	207
15400	0.54275	613	0.33860	34	0.23871	101	584.0	27	18.289	172	0.44800	207
15500	0.54888	617	0.33894	34	0.23972	100	581.3	27	18.461	172	0.45007	206
15600	0.55505	622	0.33928	35	0.24072	100	578.6	27	18.633	173	0.45213	207
15700	0.56127	626	0.33961	34	0.24172	101	575.9	27	18.806	174	0.45420	206
15800	0.56753	630	0.33995	34	0.24273	101	573.2	26	18.980	175	0.45626	205
15900	0.57383	635	0.34029	34	0.24374	101	570.6	27	19.155	176	0.45831	205
16000	0.58018	639	0.34063	34	0.24475	102	567.9	26	19.331	176	0.46036	205
16100	0.58657	644	0.34097	34	0.24577	101	565.3	27	19.507	177	0.46241	205
16200	0.59301	648	0.34131	34	0.24678	102	562.6	26	19.684	178	0.46446	205
16300	0.59949	654	0.34165	34	0.24780	103	560.0	26	19.862	179	0.46651	205
16400	0.60603	657	0.34199	35	0.24883	102	557.4	26	20.041	180	0.46856	205
16500	0.61261	662	0.34234	34	0.24985	102	554.8	26	20.221	181	0.47061	205
16600	0.61923	667	0.34268	35	0.25087	103	552.2	25	20.402	181	0.47266	204
16700	0.62590	672	0.34303	34	0.25190	102	549.7	26	20.583	183	0.47470	205
16800	0.63262	676	0.34337	35	0.25292	103	547.1	26	20.766	183	0.47675	204
16900	0.63938	681	0.34372	35	0.25395	103	544.5	25	20.949	184	0.47879	204
17000	0.64619	686	0.34407	35	0.25498	103	542.0	25	21.133	185	0.48083	204
17100	0.65305	691	0.34442	36	0.25601	103	539.5	25	21.318	186	0.48287	205
17200	0.65996	696	0.34478	35	0.25704	104	537.0	25	21.504	186	0.48492	204
17300	0.66692	701	0.34513	35	0.25808	104	534.5	25	21.690	188	0.48696	204
17400	0.67393	707	0.34548	36	0.25912	103	532.0	25	21.878	189	0.48900	204
17500	0.68100	711	0.34584	36	0.26015	104	529.5	25	22.067	189	0.49104	203
17600	0.68811	716	0.34620	36	0.26119	104	527.0	24	22.256	190	0.49307	204
17700	0.69527	721	0.34656	36	0.26223	104	524.6	25	22.446	191	0.49511	203
17800	0.70248	727	0.34692	36	0.26327	105	522.1	25	22.637	192	0.49714	204
17900	0.70975	731	0.34728	36	0.26432	104	519.6	24	22.829	193	0.49918	203
18000	0.71706	736	0.34764	36	0.26536	105	517.2	24	23.022	194	0.50121	203
18100	0.72442	742	0.34800	37	0.26641	104	514.8	24	23.216	195	0.50324	203
18200	0.73184	747	0.34837	37	0.26745	105	512.4	24	23.411	196	0.50527	203
18300	0.73931	752	0.34874	36	0.26850	105	510.0	23	23.607	196	0.50730	203
18400	0.74683	758	0.34910	37	0.26955	106	507.7	24	23.803	198	0.50933	203
18500	0.75441	763	0.34947	37	0.27061	105	505.3	24	24.001	198	0.51136	202
18600	0.76204	769	0.34984	38	0.27166	106	502.9	23	24.199	200	0.51338	203
18700	0.76973	774	0.35022	37	0.27272	106	500.6	23	24.399	200	0.51541	203
18800	0.77747	779	0.35059	37	0.27378	106	498.3	24	24.599	201	0.51744	203
18900	0.78526	785	0.35096	38	0.27484	106	495.9	23	24.800	202	0.51947	203
19000	0.79311	791	0.35134	38	0.27590	106	493.6	23	25.002	202	0.52150	203
19100	0.80102	796	0.35172	38	0.27696	106	491.3	23	25.204	204	0.52353	203
19200	0.80898	802	0.35210	39	0.27802	106	489.0	23	25.408	204	0.52556	202
19300	0.81700	808	0.35249	38	0.27908	106	486.7	22	25.612	205	0.52758	203
19400	0.82508	814	0.35287	38	0.28014	106	484.5	23	25.817	207	0.52961	203
19500	0.83322	819	0.35325	39	0.28120	107	482.2	23	26.024	208	0.53164	203
19600	0.84141	826	0.35364	38	0.28227	106	479.9	22	26.232	209	0.53367	203
19700	0.84967	831	0.35402	39	0.28333	107	477.7	22	26.441	210	0.53570	202
19800	0.85798	836	0.35441	38	0.28440	107	475.5	23	26.651	212	0.53772	203
19900	0.86634	843	0.35479	39	0.28547	107	473.2	22	26.863	212	0.53975	203
20000	0.87477	849	0.35518	39	0.28654	107	471.0	23	27.075	213	0.54178	203

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TABLE II. $V=1{,}650\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	119	0.25000	142	0.00000	380	1650.0	210	0.000	61	0.00000	385
100	0.00119	122	0.25142	139	0.00380	380	1629.0	208	0.061	62	0.00385	386
200	0.00241	124	0.25281	136	0.00760	381	1608.2	206	0.123	63	0.00771	387
300	0.00365	126	0.25417	133	0.01141	381	1587.6	204	0.186	64	0.01158	388
400	0.00491	128	0.25550	130	0.01522	382	1567.2	203	0.250	64	0.01546	389
500	0.00619	130	0.25680	128	0.01904	383	1546.9	202	0.314	65	0.01935	390
600	0.00749	132	0.25808	125	0.02287	384	1526.7	201	0.379	66	0.02325	390
700	0.00881	135	0.25933	122	0.02671	384	1506.6	200	0.445	67	0.02715	391
800	0.01016	137	0.26055	119	0.03055	383	1486.6	199	0.512	68	0.03106	392
900	0.01153	139	0.26174	116	0.03438	382	1466.7	197	0.580	68	0.03498	393
1000	0.01292	142	0.26290	113	0.03820	381	1447.0	194	0.648	69	0.03891	394
1100	0.01434	144	0.26403	110	0.04201	380	1427.6	190	0.717	70	0.04285	396
1200	0.01578	147	0.26513	108	0.04581	379	1408.6	185	0.787	71	0.04681	399
1300	0.01725	151	0.26621	106	0.04960	376	1390.1	181	0.858	72	0.05080	402
1400	0.01876	153	0.26727	105	0.05336	374	1372.0	176	0.930	73	0.05482	405
1500	0.02029	156	0.26832	107	0.05710	372	1354.4	172	1.003	75	0.05887	407
1600	0.02185	158	0.26939	109	0.06082	371	1337.2	168	1.078	76	0.06294	409
1700	0.02343	162	0.27048	111	0.06453	370	1320.4	164	1.154	77	0.06703	412
1800	0.02505	165	0.27159	112	0.06823	369	1304.0	161	1.231	77	0.07115	415
1900	0.02670	167	0.27271	115	0.07192	368	1287.9	159	1.308	78	0.07530	418
2000	0.02837	171	0.27386	116	0.07560	364	1272.0	156	1.386	79	0.07948	418
2100	0.03008	173	0.27502	116	0.07924	355	1256.4	151	1.465	80	0.08366	417
2200	0.03181	177	0.27618	115	0.08279	346	1241.3	145	1.545	81	0.08783	416
2300	0.03358	180	0.27733	114	0.08625	337	1226.8	139	1.626	82	0.09199	415
2400	0.03538	182	0.27847	113	0.08962	328	1212.9	133	1.708	83	0.09614	414
2500	0.03720	186	0.27960	112	0.09290	318	1199.6	127	1.791	84	0.10028	412
2600	0.03906	189	0.28072	111	0.09608	308	1186.9	122	1.875	85	0.10440	411
2700	0.04095	192	0.28183	110	0.09916	298	1174.7	117	1.960	86	0.10851	410
2800	0.04287	195	0.28293	109	0.10214	288	1163.0	112	2.046	86	0.11262	409
2900	0.04482	198	0.28402	108	0.10502	278	1151.8	108	2.132	87	0.11670	408
3000	0.04680	201	0.28510	105	0.10780	270	1141.0	103	2.219	88	0.12078	406
3100	0.04881	204	0.28615	103	0.11050	262	1130.7	99	2.307	89	0.12484	404
3200	0.05085	207	0.28718	100	0.11312	253	1120.8	97	2.396	90	0.12888	401
3300	0.05292	211	0.28818	97	0.11565	244	1111.1	94	2.486	90	0.13289	399
3400	0.05503	214	0.28915	94	0.11809	235	1101.7	91	2.576	91	0.13688	396
3500	0.05717	217	0.29009	91	0.12044	227	1092.6	88	2.667	92	0.14084	395
3600	0.05934	220	0.29100	88	0.12271	218	1083.8	85	2.759	93	0.14479	392
3700	0.06154	224	0.29188	87	0.12489	209	1075.3	83	2.852	93	0.14871	390
3800	0.06378	227	0.29275	86	0.12698	200	1067.0	81	2.945	94	0.15261	388
3900	0.06605	230	0.29361	85	0.12898	192	1058.9	79	3.039	95	0.15649	384
4000	0.06835	233	0.29446	84	0.13090	186	1051.0	77	3.134	96	0.16033	380
4100	0.07068	235	0.29530	82	0.13276	180	1043.3	76	3.230	96	0.16413	377
4200	0.07303	239	0.29612	80	0.13456	174	1035.7	74	3.326	97	0.16790	374
4300	0.07542	242	0.29692	78	0.13630	168	1028.3	71	3.423	98	0.17164	371
4400	0.07784	245	0.29770	76	0.13798	162	1021.2	69	3.521	98	0.17535	368
4500	0.08029	247	0.29846	74	0.13960	156	1014.3	67	3.619	99	0.17903	364
4600	0.08276	250	0.29920	73	0.14116	150	1007.6	65	3.718	100	0.18267	361
4700	0.08526	253	0.29993	71	0.14266	144	1001.1	63	3.818	100	0.18628	358
4800	0.08779	257	0.30064	70	0.14410	138	994.8	60	3.918	101	0.18986	355
4900	0.09036	259	0.30134	69	0.14548	132	988.8	58	4.019	101	0.19341	352
5000	0.09295	262	0.30203	68	0.14680	128	983.0	56	4.120	102	0.19693	347

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TABLE II. *V=1,650 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.09295	262	0.30203	68	0.14680	128	983.0	56	4.120	102	0.19693	347
5100	0.09557	265	0.30271	66	0.14808	125	977.4	55	4.222	103	0.20040	344
5200	0.09822	268	0.30337	66	0.14933	123	971.9	54	4.325	103	0.20384	341
5300	0.10090	271	0.30403	63	0.15056	121	966.5	53	4.428	104	0.20725	338
5400	0.10361	274	0.30466	63	0.15177	118	961.2	54	4.532	105	0.21063	335
5500	0.10635	276	0.30529	61	0.15295	116	955.8	54	4.637	105	0.21398	331
5600	0.10911	279	0.30590	60	0.15411	113	950.4	54	4.742	106	0.21729	329
5700	0.11190	282	0.30650	58	0.15524	109	945.0	54	4.848	106	0.22058	326
5800	0.11472	284	0.30708	57	0.15633	105	939.6	54	4.954	107	0.22384	323
5900	0.11756	288	0.30765	56	0.15738	102	934.2	52	5.061	107	0.22707	320
6000	0.12044	290	0.30821	54	0.15840	101	929.0	53	5.168	108	0.23027	317
6100	0.12334	294	0.30875	53	0.15941	101	923.7	52	5.276	109	0.23344	314
6200	0.12628	296	0.30928	51	0.16042	100	918.5	52	5.385	109	0.23658	312
6300	0.12924	299	0.30979	51	0.16142	100	913.3	50	5.494	110	0.23970	309
6400	0.13223	302	0.31030	50	0.16242	99	908.3	49	5.604	111	0.24279	307
6500	0.13525	304	0.31080	48	0.16341	98	903.4	49	5.715	111	0.24586	304
6600	0.13829	307	0.31128	48	0.16439	96	898.5	48	5.826	111	0.24890	301
6700	0.14136	310	0.31176	46	0.16535	94	893.7	46	5.937	112	0.25191	299
6800	0.14446	313	0.31222	46	0.16629	91	889.1	46	6.049	113	0.25490	297
6900	0.14759	316	0.31268	44	0.16720	90	884.5	45	6.162	113	0.25787	294
7000	0.15075	319	0.31312	44	0.16810	90	880.0	46	6.275	114	0.26081	292
7100	0.15394	321	0.31356	43	0.16900	90	875.4	46	6.389	114	0.26373	290
7200	0.15715	324	0.31399	43	0.16990	90	870.8	45	6.503	115	0.26663	287
7300	0.16039	327	0.31442	41	0.17080	90	866.3	45	6.618	116	0.26950	286
7400	0.16366	330	0.31483	42	0.17170	90	861.8	44	6.734	116	0.27236	284
7500	0.16696	333	0.31525	40	0.17260	90	857.4	44	6.850	117	0.27520	282
7600	0.17029	336	0.31565	40	0.17350	89	853.0	43	6.967	118	0.27802	280
7700	0.17365	338	0.31605	40	0.17439	87	848.7	43	7.085	118	0.28082	277
7800	0.17703	341	0.31645	38	0.17526	87	844.4	42	7.203	119	0.28359	276
7900	0.18044	344	0.31683	38	0.17613	87	840.2	42	7.322	119	0.28635	274
8000	0.18388	347	0.31721	37	0.17700	89	836.0	41	7.441	120	0.28909	272
8100	0.18735	350	0.31758	38	0.17789	89	831.9	41	7.561	121	0.29181	271
8200	0.19085	352	0.31796	37	0.17878	87	827.8	40	7.682	121	0.29452	269
8300	0.19437	356	0.31833	36	0.17965	86	823.8	40	7.803	122	0.29721	267
8400	0.19793	358	0.31869	36	0.18051	85	819.8	39	7.925	122	0.29988	266
8500	0.20151	362	0.31905	35	0.18136	85	815.9	39	8.047	123	0.30254	264
8600	0.20513	364	0.31940	34	0.18221	84	812.0	38	8.170	123	0.30518	262
8700	0.20877	367	0.31974	34	0.18305	83	808.2	37	8.293	124	0.30780	261
8800	0.21244	370	0.32008	34	0.18388	81	804.5	37	8.417	125	0.31041	259
8900	0.21614	373	0.32042	33	0.18469	81	800.8	38	8.542	125	0.31300	258
9000	0.21987	376	0.32075	33	0.18550	82	797.0	39	8.667	126	0.31558	256
9100	0.22363	378	0.32108	33	0.18632	82	793.1	38	8.793	126	0.31814	255
9200	0.22741	382	0.32141	32	0.18714	83	789.3	38	8.919	127	0.32069	254
9300	0.23123	385	0.32173	32	0.18797	82	785.5	38	9.046	128	0.32323	252
9400	0.23508	387	0.32205	33	0.18879	82	781.7	37	9.174	128	0.32575	251
9500	0.23895	391	0.32238	32	0.18961	82	778.0	37	9.302	129	0.32826	250
9600	0.24286	394	0.32270	31	0.19043	83	774.3	36	9.431	129	0.33076	248
9700	0.24680	397	0.32301	32	0.19126	84	770.7	36	9.560	130	0.33324	247
9800	0.25077	400	0.32333	31	0.19210	85	767.1	36	9.690	131	0.33571	246
9900	0.25477	403	0.32364	31	0.19295	85	763.5	35	9.821	131	0.33817	244
10000	0.25880	406	0.32395	32	0.19380	83	760.0	36	9.952	132	0.34061	244

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TABLE II. $V=1{,}650\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.25880	406	0.32395	32	0.19380	83	760.0	36	9.952	132	0.34061	244
10100	0.26286	408	0.32427	32	0.19463	83	756.4	35	10.084	133	0.34305	242
10200	0.26694	412	0.32459	31	0.19546	83	752.9	35	10.217	133	0.34547	242
10300	0.27106	415	0.32490	32	0.19629	83	749.4	35	10.350	134	0.34789	240
10400	0.27521	419	0.32522	31	0.19712	84	745.9	35	10.484	134	0.35029	240
10500	0.27940	421	0.32553	31	0.19796	84	742.4	34	10.618	135	0.35269	239
10600	0.28361	425	0.32584	32	0.19880	83	739.0	35	10.753	136	0.35508	237
10700	0.28786	428	0.32616	31	0.19963	85	735.5	34	10.889	136	0.35745	237
10800	0.29214	431	0.32647	31	0.20048	84	732.1	33	11.025	137	0.35982	235
10900	0.29645	434	0.32678	31	0.20132	85	728.8	34	11.162	138	0.36217	235
11000	0.30079	437	0.32709	31	0.20217	84	725.4	34	11.300	138	0.36452	234
11100	0.30516	440	0.32740	31	0.20301	85	722.0	33	11.438	139	0.36686	232
11200	0.30956	443	0.32771	30	0.20386	85	718.7	34	11.577	139	0.36918	232
11300	0.31399	446	0.32801	31	0.20471	85	715.3	33	11.716	141	0.37150	231
11400	0.31845	451	0.32832	31	0.20556	85	712.0	33	11.857	141	0.37381	231
11500	0.32296	453	0.32863	30	0.20641	86	708.7	33	11.998	141	0.37612	229
11600	0.32749	457	0.32893	31	0.20727	86	705.4	33	12.139	142	0.37841	229
11700	0.33206	460	0.32924	30	0.20813	86	702.1	33	12.281	143	0.38070	228
11800	0.33666	464	0.32954	31	0.20899	87	698.8	33	12.424	143	0.38298	227
11900	0.34130	467	0.32985	30	0.20986	87	695.5	32	12.567	144	0.38525	226
12000	0.34597	470	0.33015	31	0.21073	87	692.3	32	12.711	145	0.38751	226
12100	0.35067	474	0.33046	30	0.21160	87	689.1	32	12.856	145	0.38977	225
12200	0.35541	477	0.33076	31	0.21247	88	685.9	33	13.001	146	0.39202	224
12300	0.36018	480	0.33107	30	0.21335	88	682.6	32	13.147	147	0.39426	224
12400	0.36498	485	0.33137	31	0.21423	89	679.4	31	13.294	148	0.39650	224
12500	0.36983	487	0.33168	31	0.21512	89	676.3	32	13.442	148	0.39874	223
12600	0.37470	491	0.33199	30	0.21601	89	673.1	31	13.590	149	0.40097	222
12700	0.37961	495	0.33229	31	0.21690	89	670.0	32	13.739	150	0.40319	222
12800	0.38456	498	0.33260	30	0.21779	90	666.8	31	13.889	150	0.40541	220
12900	0.38954	501	0.33290	31	0.21869	90	663.7	31	14.039	151	0.40761	220
13000	0.39455	504	0.33321	31	0.21959	91	660.6	31	14.190	152	0.40981	220
13100	0.39959	508	0.33352	31	0.22050	91	657.5	30	14.342	152	0.41201	219
13200	0.40467	512	0.33383	31	0.22141	92	654.5	31	14.494	153	0.41420	218
13300	0.40979	515	0.33414	31	0.22232	92	651.4	30	14.647	154	0.41638	218
13400	0.41494	520	0.33445	31	0.22324	92	648.4	30	14.801	155	0.41856	218
13500	0.41914	523	0.33476	32	0.22416	93	645.4	30	14.956	155	0.42074	217
13600	0.42537	527	0.33508	31	0.22508	93	642.4	30	15.111	156	0.42291	216
13700	0.43064	531	0.33539	31	0.22601	93	639.4	30	15.267	157	0.42507	216
13800	0.43595	535	0.33570	32	0.22694	93	636.4	30	15.424	158	0.42723	215
13900	0.44130	539	0.33602	31	0.22787	93	633.4	29	15.582	158	0.42938	215
14000	0.44669	542	0.33633	32	0.22880	94	630.5	29	15.740	159	0.43153	215
14100	0.45211	545	0.33665	31	0.22974	93	627.6	30	15.899	160	0.43368	214
14200	0.45756	550	0.33696	32	0.23067	94	624.6	29	16.059	160	0.43582	214
14300	0.46306	554	0.33728	32	0.23161	95	621.7	29	16.219	161	0.43796	214
14400	0.46860	558	0.33760	32	0.23256	95	618.8	29	16.380	162	0.44010	214
14500	0.47418	562	0.33792	31	0.23351	94	615.9	29	16.542	163	0.44224	213
14600	0.47980	566	0.33823	32	0.23445	96	613.0	28	16.705	164	0.44437	213
14700	0.48546	570	0.33855	33	0.23541	95	610.2	29	16.869	164	0.44650	212
14800	0.49116	575	0.33888	32	0.23636	96	607.3	29	17.033	165	0.44862	212
14900	0.49691	578	0.33920	32	0.23732	96	604.4	28	17.198	166	0.45074	212
15000	0.50269	581	0.33952	33	0.23828	97	601.6	28	17.364	167	0.45286	211

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TABLE II. $V=1{,}650\,f.\,s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.50269	581	0.33952	33	0.23828	97	601.6	28	17.364	167	0.45286	211
15100	0.50850	586	0.33985	32	0.23925	96	598.8	28	17.531	167	0.45497	211
15200	0.51436	590	0.34017	33	0.24021	97	596.0	28	17.698	168	0.45708	211
15300	0.52026	595	0.34050	33	0.24118	98	593.2	27	17.866	169	0.45919	211
15400	0.52621	599	0.34083	33	0.24216	97	590.5	28	18.035	170	0.46130	211
15500	0.53220	603	0.34116	32	0.24313	98	587.7	27	18.205	170	0.46341	210
15600	0.53823	608	0.34148	33	0.24411	97	585.0	27	18.375	171	0.46551	210
15700	0.54431	612	0.34181	33	0.24508	98	582.3	27	18.546	172	0.46761	209
15800	0.55043	617	0.34214	32	0.24606	99	579.6	27	18.718	173	0.46970	209
15900	0.55660	621	0.34246	33	0.24705	98	576.9	27	18.891	174	0.47179	210
16000	0.56281	624	0.34279	33	0.24803	99	574.2	27	19.065	174	0.47389	209
16100	0.56905	628	0.34312	33	0.24902	98	571.5	26	19.239	176	0.47598	208
16200	0.57533	634	0.34345	32	0.25000	99	568.9	27	19.415	176	0.47806	209
16300	0.58167	638	0.34377	33	0.25099	100	566.2	27	19.591	177	0.48015	208
16400	0.58806	643	0.34410	33	0.25199	99	563.5	26	19.768	178	0.48223	208
16500	0.59448	647	0.34443	33	0.25298	100	560.9	26	19.946	179	0.48431	208
16600	0.60095	653	0.34476	34	0.25398	99	558.3	26	20.125	179	0.48639	208
16700	0.60748	657	0.34510	34	0.25497	100	555.7	26	20.304	180	0.48847	208
16800	0.61405	661	0.34544	33	0.25597	101	553.1	26	20.484	182	0.49055	208
16900	0.62066	667	0.34577	34	0.25698	101	550.5	26	20.666	182	0.49263	207
17000	0.62733	670	0.34611	33	0.25798	101	547.9	26	20.848	183	0.49470	207
17100	0.63403	676	0.34644	34	0.25899	101	545.3	25	21.031	184	0.49677	207
17200	0.64079	680	0.34678	33	0.26000	101	542.8	25	21.215	184	0.49884	207
17300	0.64759	685	0.34711	34	0.26101	101	540.3	26	21.399	186	0.50091	206
17400	0.65444	691	0.34745	35	0.26202	102	537.7	25	21.585	186	0.50297	207
17500	0.66135	695	0.34780	34	0.26304	101	535.2	25	21.771	187	0.50504	207
17600	0.66830	700	0.34814	34	0.26405	102	532.7	24	21.958	188	0.50711	206
17700	0.67530	705	0.34848	35	0.26507	102	530.3	25	22.146	189	0.50917	207
17800	0.68235	710	0.34883	35	0.26609	102	527.8	25	22.335	190	0.51124	206
17900	0.68945	715	0.34918	35	0.26711	102	525.3	24	22.525	191	0.51330	206
18000	0.69660	719	0.34953	36	0.26813	103	522.9	24	22.716	192	0.51536	206
18100	0.70379	725	0.34989	36	0 26916	102	520.5	25	22.908	192	0.51742	206
18200	0.71104	730	0.35025	35	0.27018	103	518.0	24	23.100	194	0.51948	206
18300	0.71834	735	0.35060	36	0.27121	103	515.6	24	23.294	194	0.52154	206
18400	0.72569	741	0.35096	36	0.27224	103	513.2	24	23.488	195	0.52360	206
18500	0.73310	746	0.35132	36	0.27327	103	510.8	24	23.683	196	0.52566	205
18600	0.74056	752	0.35168	36	0.27430	103	508.4	23	23.879	198	0.52771	206
18700	0.74808	758	0.35204	35	0.27533	104	506.1	24	24.077	198	0.52977	206
18800	0.75566	763	0.35239	36	0.27637	103	503.7	24	24.275	199	0.53183	206
18900	0.76329	768	0.35275	36	0.27740	104	501.3	23	24.474	200	0.53389	205
19000	0.77097	772	0.35311	36	0.27844	104	499.0	23	24.674	201	0.53594	205
19100	0.77869	777	0.35347	36	0.27948	104	496.7	23	24.875	201	0.53799	205
19200	0.78646	784	0.35383	36	0.28052	105	494.4	24	25.076	203	0.54004	206
19300	0.79430	789	0.35419	36	0.28157	104	492.0	23	25.279	204	0.54210	205
19400	0.80219	796	0.35455	36	0.28261	105	589.7	22	25.483	205	0.54415	205
19500	0.81015	801	0.35491	36	0.28366	104	487.5	23	25.488	205	0.54620	205
19600	0.81816	808	0.35527	37	0.28470	105	485.2	23	25.893	207	0.54825	205
19700	0.82624	813	0.35564	37	0.28575	105	482.9	22	26.100	208	0.55030	206
19800	0.83437	820	0.35601	36	0.28680	104	480.7	23	26.308	208	0.55236	205
19900	0.84257	825	0.35637	37	0.28784	105	478.4	22	26.516	210	0.55441	205
20000	0.85082	831	0.35674	37	0.28889	105	476.2	23	26.726	211	0.55646	206

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TABLE II. *V=1,700 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
0	0.00000	112	0.25000	142	0.00000	380	1700.0	220	0.000	59	0.00000	381
100	0.00112	115	0.25142	139	0.00380	380	1678.0	218	0.059	60	0.00381	382
200	0.00227	116	0.25281	136	0.00760	380	1656.2	215	0.119	61	0.00763	384
300	0.00343	119	0.25417	133	0.01140	380	1634.7	213	0.180	61	0.01147	386
400	0.00462	121	0.25550	130	0.01520	381	1613.4	211	0.241	63	0.01533	388
500	0.00583	122	0.25680	128	0.01901	382	1592.3	209	0.304	63	0.01921	390
600	0.00705	125	0.25808	125	0.02283	382	1571.4	207	0.367	64	0.02311	392
700	0.00830	127	0.25933	122	0.02665	382	1550.7	205	0.431	65	0.02703	394
800	0.00957	129	0.26055	119	0.03047	382	1530.2	202	0.496	66	0.03097	395
900	0.01086	131	0.26174	116	0.03429	381	1510.0	200	0.562	67	0.03492	395
1000	0.01217	134	0.26290	113	0.03810	380	1490.0	197	0.629	67	0.03887	395
1100	0.01351	136	0.26403	110	0.04190	380	1470.3	194	0.696	69	0.04282	396
1200	0.01487	139	0.26513	107	0.04570	380	1450.9	191	0.765	69	0.04678	399
1300	0.01626	142	0.26620	105	0.04950	380	1431.8	187	0.834	70	0.05077	402
1400	0.01768	144	0.26725	104	0.05330	380	1413.1	183	0.904	71	0.05479	405
1500	0.01912	147	0.26829	106	0.05710	380	1394.8	180	0.975	73	0.05884	408
1600	0.02059	149	0.26935	108	0.06090	379	1376.8	176	1.048	73	0.06292	411
1700	0.02208	152	0.27043	110	0.06469	379	1359.2	174	1.121	74	0.06703	415
1800	0.02360	155	0.27153	112	0.06848	377	1341.8	171	1.195	75	0.07118	417
1900	0.02515	158	0.27265	114	0.07225	375	1324.7	167	1.270	76	0.07535	420
2000	0.02673	160	0.27379	116	0.07600	370	1308.0	162	1.346	77	0.07955	422
2100	0.02833	164	0.27495	118	0.07970	364	1291.8	157	1.423	77	0.08377	422
2200	0.02997	167	0.27613	120	0.08334	358	1276.1	153	1.500	79	0.08799	422
2300	0.03164	169	0.27733	121	0.08692	352	1260.8	149	1.579	80	0.09221	421
2400	0.03333	173	0.27854	122	0.09044	346	1245.9	144	1.659	80	0.09642	419
2500	0.03506	175	0.27976	121	0.09390	338	1231.5	140	1.739	82	0.10061	417
2600	0.03681	179	0.28097	119	0.09728	330	1217.5	136	1.821	83	0.10478	417
2700	0.03860	182	0.28216	116	0.10058	322	1203.9	131	1.904	83	0.10895	416
2800	0.04042	185	0.28332	114	0.10380	314	1190.8	126	1.987	85	0.11311	414
2900	0.04227	188	0.28446	111	0.10694	306	1178.2	120	2.072	85	0.11725	414
3000	0.04415	191	0.28557	108	0.11000	295	1166.2	114	2.157	87	0.12139	414
3100	0.04606	194	0.28665	104	0.11295	285	1154.8	109	2.244	87	0.12553	413
3200	0.04800	197	0.28769	101	0.11580	275	1143.9	105	2.331	88	0.12966	412
3300	0.04997	201	0.28870	98	0.11855	265	1133.4	103	2.419	89	0.13378	410
3400	0.05198	203	0.28968	96	0.12120	254	1125.1	99	2.508	89	0.13788	409
3500	0.05401	207	0.29064	94	0.12374	245	1113.2	96	2.597	90	0.14297	408
3600	0.05608	210	0.29158	92	0.12619	236	1103.6	94	2.687	91	0.14605	406
3700	0.05818	213	0.29250	91	0.12855	227	1094.2	91	2.778	92	0.15011	404
3800	0.06031	216	0.29341	90	0.13082	218	1085.1	87	2.870	93	0.15415	402
3900	0.06247	219	0.29431	89	0.13300	210	1076.4	84	2.963	93	0.15817	399
4000	0.06466	222	0.29520	89	0.13510	203	1068.0	82	3.056	94	0.16216	395
4100	0.06688	226	0.29609	89	0.13713	197	1059.8	79	3.150	95	0.16611	392
4200	0.06914	228	0.29698	88	0.13910	190	1051.9	77	3.245	95	0.17003	388
4300	0.07142	232	0.29786	88	0.14100	183	1044.2	76	3.340	96	0.17391	385
4400	0.07374	234	0.29874	87	0.14283	177	1036.6	73	3.436	97	0.17776	383
4500	0.07608	237	0.29961	87	0.14460	170	1029.3	71	3.533	97	0.18159	380
4600	0.07845	240	0.30048	86	0.14630	163	1022.2	69	3.630	98	0.18539	377
4700	0.08085	244	0.30134	85	0.14793	156	1015.3	67	3.728	99	0.18916	374
4800	0.08329	246	0.30219	82	0.14949	149	1008.6	64	3.827	99	0.19290	371
4900	0.08575	249	0.30301	80	0.15098	142	1002.2	62	3.926	100	0.19661	367
5000	0.08824	252	0.30381	77	0.15240	137	996.0	60	4.026	101	0.20028	363

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TABLE II. $V=1{,}700$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.08824	252	0.30381	77	0.15240	137	996.0	60	4.026	101	0.20028	363
5100	0.09076	255	0.30458	75	0.15377	133	990.0	59	4.127	101	0.20391	360
5200	0.09331	258	0.30533	73	0.15510	130	984.1	58	4.228	102	0.20751	357
5300	0.09589	261	0.30606	72	0.15640	127	978.3	57	4.330	102	0.21108	354
5400	0.09850	264	0.30678	70	0.15767	123	972.6	56	4.432	103	0.21462	351
5500	0.10114	266	0.30748	68	0.15890	120	967.0	56	4.535	104	0.21813	347
5600	0.10380	270	0.30816	66	0.16010	117	961.4	55	4.639	104	0.22160	344
5700	0.10650	272	0.30882	65	0.16127	114	955.9	54	4.743	105	0.22504	341
5800	0.10922	275	0.30947	63	0.16241	111	950.5	53	4.848	106	0.22845	338
5900	0.11197	278	0.31010	61	0.16352	108	945.2	52	4.954	106	0.23183	335
6000	0.11475	281	0.31071	58	0.16460	106	940.0	52	5.060	107	0.23518	332
6100	0.11756	284	0.31129	56	0.16566	103	934.8	52	5.167	107	0.23850	329
6200	0.12040	286	0.31185	54	0.16669	100	929.6	51	5.274	108	0.24179	326
6300	0.12326	289	0.31239	54	0.16769	98	924.5	51	5.382	109	0.24505	323
6400	0.12615	292	0.31293	52	0.16867	96	919.4	50	5.491	109	0.24828	321
6500	0.12907	295	0.31345	50	0.16963	94	914.4	50	5.600	110	0.25149	318
6600	0.13202	298	0.31395	49	0.17057	92	909.4	49	5.710	110	0.25467	315
6700	0.13500	300	0.31444	48	0.17149	91	904.5	49	5.820	111	0.25782	312
6800	0.13800	303	0.31492	46	0.17240	90	899.6	48	5.931	111	0.26094	310
6900	0.14103	306	0.31538	45	0.17330	90	894.8	48	6.042	112	0.26404	307
7000	0.14409	309	0.31583	45	0.17420	90	890.0	46	6.154	113	0.26711	305
7100	0.14718	312	0.31628	44	0.17510	89	885.4	45	6.267	113	0.27016	303
7200	0.15030	315	0.31672	43	0.17599	88	880.9	45	6.380	114	0.27319	301
7300	0.15345	317	0.31715	43	0.17687	88	876.4	44	6.494	114	0.27620	298
7400	0.15662	320	0.31758	42	0.17775	87	872.0	44	6.608	115	0.27918	296
7500	0.15982	323	0.31800	40	0.17862	87	867.6	44	6.723	116	0.28214	294
7600	0.16305	326	0.31840	40	0.17949	86	863.2	44	6.839	116	0.28508	292
7700	0.16631	329	0.31880	39	0.18035	86	858.8	43	6.955	117	0.28800	290
7800	0.16960	331	0.31919	38	0.18121	85	854.5	43	7.072	117	0.29090	287
7900	0.17291	334	0.31957	37	0.18206	84	850.2	42	7.189	118	0.29377	285
8000	0.17625	337	0.31994	37	0.18290	84	846.0	42	7.307	118	0.29662	283
8100	0.17962	340	0.32031	36	0.18374	84	841.8	42	7.425	119	0.29945	282
8200	0.18302	343	0.32067	36	0.18458	84	837.6	42	7.544	120	0.30227	280
8300	0.18645	346	0.32103	36	0.18542	83	833.4	42	7.664	120	0.30507	278
8400	0.18991	349	0.32139	35	0.18625	83	829.2	41	7.784	121	0.30785	276
8500	0.19340	351	0.32174	35	0.18708	83	825.1	41	7.905	122	0.31061	274
8600	0.19691	355	0.32209	35	0.18791	83	821.0	40	8.027	122	0.31335	273
8700	0.20046	357	0.32244	34	0.18874	82	817.0	40	8.149	123	0.31608	271
8800	0.20403	360	0.32278	33	0.18956	82	813.0	40	8.272	123	0.31879	269
8900	0.20763	363	0.32311	33	0.19038	82	809.0	40	8.395	124	0.32148	268
9000	0.21126	366	0.32344	34	0.19120	81	805.0	38	8.519	124	0.32416	266
9100	0.21492	369	0.32378	34	0.19201	81	801.2	38	8.643	125	0.32682	265
9200	0.21861	372	0.32412	34	0.19282	80	797.4	37	8.768	126	0.32947	263
9300	0.22233	375	0.32446	34	0.19362	80	793.7	37	8.894	127	0.33210	262
9400	0.22608	378	0.32480	33	0.19442	80	790.0	37	9.021	127	0.33472	260
9500	0.22986	380	0.32513	34	0.19522	80	786.3	37	9.148	127	0.33732	259
9600	0.23366	384	0.32547	33	0.19602	80	782.6	37	9.275	128	0.33991	257
9700	0.23750	387	0.32580	32	0.19682	80	778.9	37	9.403	129	0.34248	256
9800	0.24137	389	0.32612	33	0.19762	79	775.2	36	9.532	129	0.34504	254
9900	0.24526	393	0.32645	32	0.19841	79	771.6	36	9.661	130	0.34758	253
10000	0.24919	395	0.32677	32	0.19920	79	768.0	36	9.791	131	0.35011	252

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TABLE II. $V=1{,}700$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.24919	395	0.32677	32	0.19920	79	768.0	36	9.791	130	0.35011	252
10100	0.25314	398	0.32709	31	0.19999	79	764.4	36	9.921	131	0.35263	251
10200	0.25712	402	0.32740	32	0.20078	80	760.8	36	10.052	132	0.35514	249
10300	0.26114	405	0.32772	31	0.20158	80	757.2	35	10.184	132	0.35763	249
10400	0.26519	408	0.32803	31	0.20238	80	753.7	35	10.316	133	0.36012	247
10500	0.26927	411	0.32834	31	0.20318	80	740.2	35	10.449	134	0.36259	246
10600	0.27338	414	0.32865	31	0.20398	80	746.7	35	10.583	134	0.36505	245
10700	0.27752	417	0.32896	31	0.20478	80	743.2	34	10.717	135	0.36750	244
10800	0.28169	420	0.32927	31	0.20558	81	739.8	33	10.852	136	0.36994	242
10900	0.28589	424	0.32958	30	0.20639	81	736.5	34	10.988	136	0.37236	242
11000	0.29013	426	0.32988	30	0.20720	81	733.1	34	11.124	137	0.37478	241
11100	0.29439	429	0.33018	30	0.20801	81	729.7	34	11.261	137	0.37719	240
11200	0.29868	433	0.33048	30	0.20882	81	726.3	34	11.398	138	0.37959	239
11300	0.30301	436	0.33078	30	0.20963	81	722.9	34	11.536	138	0.38198	238
11400	0.30737	439	0.33108	30	0.21044	82	719.5	34	11.674	139	0.38436	237
11500	0.31176	443	0.33138	30	0.21126	82	716.1	33	11.813	140	0.38673	236
11600	0.31619	446	0.33168	30	0.21208	83	712.8	33	11.953	141	0.38909	236
11700	0.32065	449	0.33198	29	0.21291	82	709.5	33	12.094	141	0.39145	234
11800	0.32514	453	0.33227	30	0.21373	83	706.2	33	12.235	142	0.39379	233
11900	0.32967	456	0.33257	29	0.21456	83	702.9	33	12.377	143	0.39612	233
12000	0.33423	459	0.33286	29	0.21539	84	699.6	33	12.520	143	0.39845	232
12100	0.33882	462	0.33315	29	0.21623	84	696.3	32	12.663	144	0.40077	231
12200	0.34344	465	0.33344	29	0.21707	84	693.1	32	12.807	144	0.40308	231
12300	0.34809	469	0.33373	30	0.21791	85	689.9	32	12.951	146	0.40539	230
12400	0.35278	473	0.33403	29	0.21876	86	686.7	32	13.097	146	0.40769	229
12500	0.35751	476	0.33432	29	0.21962	85	683.5	32	13.243	146	0.40998	228
12600	0.36227	480	0.33461	30	0.22047	86	680.3	32	13.389	148	0.41226	228
12700	0.36707	483	0.33491	29	0.22133	86	677.1	31	13.537	148	0.41454	227
12800	0.37190	487	0.33520	30	0.22219	86	674.0	32	13.685	149	0.41681	226
12900	0.37677	490	0.33550	29	0.22305	87	670.8	31	13.834	149	0.41907	226
13000	0.38167	493	0.33579	29	0.22392	87	667.7	31	13.983	150	0.42133	225
13100	0.38660	497	0.33608	30	0.22479	87	664.6	31	14.133	151	0.42358	224
13200	0.39157	500	0.33638	29	0.22566	88	661.5	31	14.284	151	0.42582	224
13300	0.39657	504	0.33667	30	0.22654	88	658.4	31	14.435	152	0.42806	224
13400	0.40161	508	0.33697	30	0.22742	88	655.3	31	14.587	153	0.43030	223
13500	0.40669	511	0.33727	29	0.22830	88	652.2	30	14.740	154	0.43253	222
13600	0.41180	515	0.33756	30	0.22918	89	649.2	30	14.894	155	0.43475	221
13700	0.41695	519	0.33786	30	0.23007	90	646.2	30	15.049	155	0.43696	221
13800	0.42214	523	0.33816	30	0.23097	89	643.2	30	15.204	156	0.43917	221
13900	0.42737	527	0.33846	30	0.23186	90	640.2	30	15.360	156	0.44138	220
14000	0.43264	529	0.33876	30	0.23276	90	637.2	30	15.516	156	0.44358	220
14100	0.43793	533	0.33906	30	0.23366	91	634.2	29	15.673	158	0.44578	219
14200	0.44326	538	0.33936	30	0.23457	91	631.3	30	15.831	159	0.44797	219
14300	0.44864	542	0.33966	30	0.23548	91	628.3	29	15.990	160	0.45016	218
14400	0.45406	546	0.33996	30	0.23639	92	625.4	29	16.150	160	0.45234	218
14500	0.45952	549	0.34026	30	0.23731	92	622.5	29	16.310	161	0.45452	218
14600	0.46501	553	0.34056	31	0.23823	92	619.6	29	16.471	162	0.45670	217
14700	0.47054	557	0.34087	30	0.23915	93	616.7	29	16.633	163	0.45887	217
14800	0.47611	561	0.34117	31	0.24008	93	613.8	28	16.796	163	0.46104	216
14900	0.48172	566	0.34148	31	0.24101	93	611.0	29	16.959	164	0.46320	216
15000	0.48738	569	0.34179	31	0.24194	94	608.1	28	17.123	165	0.46536	216

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TABLE II. *V=1,700 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.48738	569	0.34179	31	0.24194	94	608.1	28	17.123	165	0.46536	216
15100	0 49307	573	0.34210	31	0.24288	94	605.3	29	17.288	165	0.46752	215
15200	0.49880	577	0.34241	31	0.24382	94	602.4	28	17.453	167	0.46967	215
15300	0.50457	582	0.34272	31	0.24476	94	599.6	28	17.620	167	0.47182	215
15400	0.51039	586	0.34303	31	0.24570	94	596.8	28	17.787	168	0.47397	214
15500	0.51625	590	0.34334	32	0.24664	95	594.0	27	17.955	169	0.47611	214
15600	0.52215	594	0.34366	32	0.24759	95	591.3	28	18.124	169	0.47825	214
15700	0.52809	598	0.34398	31	0.24854	95	588.5	27	18.293	170	0.48039	213
15800	0.53407	602	0.34429	32	0.24949	95	585.8	28	18.463	172	0.48252	213
15900	0.54009	607	0.34461	32	0.25044	95	583.0	27	18.635	172	0.48465	213
16000	0.54616	611	0.34493	32	0.25139	96	580.3	27	18.807	173	0.48678	213
16100	0.55227	616	0.34525	32	0.25235	96	577.6	27	18.980	173	0.48891	212
16200	0.55843	620	0.34557	32	0.25331	96	574.9	27	19.153	174	0.49103	212
16300	0.56463	624	0.34589	33	0.25427	96	572.2	27	19.327	175	0.49315	212
16400	0.57087	629	0.34622	33	0.25523	97	569.5	27	19.502	176	0.49527	212
16500	0.57716	633	0.34655	32	0.25620	97	566.8	26	19.678	177	0.49739	212
16600	0.58349	638	0.34687	33	0.25717	97	564.2	26	19.855	178	0.49951	211
16700	0.58987	643	0.34720	32	0.25814	97	561.6	26	20.033	179	0.50162	211
16800	0.59630	647	0.34752	33	0.25911	98	559.0	26	20.212	179	0.50373	211
16900	0.60277	651	0.34785	33	0.26009	98	556.4	26	20.391	180	0.50584	211
17000	0.60928	656	0.34818	33	0.26107	98	553.8	26	20.571	183	0.50795	211
17100	0.61584	661	0.34851	33	0.26205	99	551.2	25	20.754	183	0.51006	210
17200	0.62245	665	0.34884	33	0.26304	99	548.7	26	20.937	184	0.51216	210
17300	0.62910	670	0.34917	33	0.26403	99	546.1	26	21.121	184	0.51426	210
17400	0.63580	675	0.34950	33	0.26502	99	543.5	25	21.305	185	0.51636	209
17500	0.64255	680	0.34983	33	0.26601	99	541.0	25	21.490	185	0.51845	210
17600	0.64935	685	0.35016	33	0.26700	100	538.5	25	21.675	185	0.52055	210
17700	0.65620	690	0.35049	34	0.26800	100	536.0	25	21.860	186	0.52265	209
17800	0.66310	694	0.35083	34	0.26900	99	533.5	25	22.046	186	0.52474	209
17900	0.67004	699	0.35117	34	0.26999	100	531.0	25	22.232	187	0.52683	209
8000	0.67703	705	0.35151	34	0.27099	100	528.5	25	22.419	190	0.52892	209
18100	0.68408	709	0.35185	34	0.27199	100	526.0	24	22.609	193	0.53101	209
18200	0.69117	715	0.35219	34	0.27299	100	523.6	25	22.802	193	0.53310	208
18300	0.69832	720	0.35253	34	0.27399	100	521.1	24	22.995	193	0.53518	209
18400	0.70552	726	0.35287	35	0.27499	100	518.7	24	23.188	194	0.53727	209
18500	0.71278	730	0.35322	34	0.27599	101	516.3	25	23.382	194	0.53936	208
18600	0.72008	735	0.35356	35	0.27700	101	513.8	24	23.576	194	0.54144	208
18700	0.72743	741	0.35391	34	0.27801	101	511.4	23	23.770	195	0.54352	209
18800	0.73484	746	0.35425	35	0.27902	101	509.1	24	23.965	195	0.54561	208
18900	0.74230	751	0.35460	36	0.28003	102	506.7	24	24.160	196	0.54769	208
19000	0.74981	756	0.35495	35	0.28105	102	504.3	23	24.356	199	0.54977	208
19100	0.75737	762	0.35530	35	0.28207	102	502.0	24	24.555	199	0.55185	208
19200	0.76499	767	0.35565	35	0.28309	102	499.6	23	24.754	201	0.55393	208
19300	0.77266	773	0.35600	35	0.28411	102	497.3	23	24.955	202	0.55601	208
19400	0.78039	779	0.35635	36	0.28513	102	495.0	23	25.157	203	0.55809	207
19500	0.78818	784	0.35671	36	0.28615	103	492.7	23	25.360	203	0.56016	208
19600	0.79602	789	0.35707	35	0.28718	103	490.4	23	25.563	204	0.56224	208
19700	0.80391	795	0.35742	36	0.28821	103	488.1	23	25.767	205	0.56432	208
19800	0.81186	801	0.35778	36	0.28924	103	485.8	22	25.972	207	0.56640	208
19900	0.81987	806	0.35814	36	0.29027	103	483.6	23	26.179	207	0.56848	207
20000	0.82793	811	0.35850	36	0.29130	103	481.3	23	26.386	207	0.57055	207

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TABLE II. $V=1{,}750\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	106	0.25000	141	0.00000	382	1750.0	228	0.000	58	0.00000	384
100	0.00106	108	0.25141	138	0.00382	381	1727.2	226	0.058	58	0.00384	386
200	0.00214	110	0.25279	135	0.00763	381	1704.6	222	0.116	59	0.00770	387
300	0.00324	112	0.25414	132	0.01144	381	1682.4	221	0.175	60	0.01157	388
400	0.00436	114	0.25546	129	0.01525	382	1660.3	217	0.235	61	0.01545	391
500	0.00550	116	0.25675	127	0.01907	380	1638.6	215	0.296	62	0.01936	391
600	0.00666	118	0.25802	125	0.02287	381	1617.1	211	0.358	62	0.02327	393
700	0.00784	119	0.25927	122	0.02668	381	1596.0	210	0.420	63	0.02720	395
800	0.00903	122	0.26049	119	0.03049	381	1575.0	206	0.483	64	0.03115	396
900	0.01025	124	0.26168	116	0.03430	382	1554.4	204	0.547	64	0.03511	397
1000	0.01149	126	0.26284	113	0.03812	384	1534.0	203	0.611	65	0.03908	399
1100	0.01275	129	0.26397	109	0.04196	385	1513.7	201	0.676	67	0.04307	401
1200	0.01404	131	0.26506	106	0.04581	383	1493.6	197	0.743	67	0.04708	402
1300	0.01535	134	0.26612	104	0.04964	382	1473.9	193	0.810	68	0.05110	404
1400	0.01669	136	0.26716	102	0.05346	381	1454.6	191	0.878	69	0.05514	405
1500	0.01805	139	0.26818	104	0.05727	379	1435.5	187	0.947	70	0.05919	406
1600	0.01944	141	0.26922	106	0.06106	378	1416.8	185	1.017	71	0.06325	408
1700	0.02085	144	0.27028	108	0.06484	377	1398.3	181	1.088	72	0.06733	409
1800	0.02229	146	0.27136	111	0.06861	377	1380.2	177	1.160	73	0.07142	411
1900	0.02375	148	0.27247	113	0.07238	377	1362.5	174	1.233	74	0.07553	412
2000	0.02523	151	0.27360	116	0.07615	375	1345.1	170	1.307	75	0.07965	414
2100	0.02674	154	0.27476	119	0.07990	371	1328.1	165	1.382	75	0.08379	416
2200	0.02828	157	0.27595	122	0.08361	367	1311.6	162	1.457	77	0.08795	418
2300	0.02985	160	0.27717	123	0.08728	362	1295.4	158	1.534	78	0.09213	420
2400	0.03145	163	0.27840	124	0.09090	357	1279.6	154	1.612	78	0.09633	421
2500	0.03308	166	0.27964	123	0.09447	351	1264.2	150	1.690	80	0.10054	422
2600	0.03474	170	0.28087	121	0.09798	346	1249.2	146	1.770	81	0.10476	422
2700	0.03644	172	0.28208	119	0.10144	341	1234.6	143	1.851	81	0.10898	423
2800	0.03816	175	0.28327	116	0.10485	335	1220.3	138	1.932	82	0.11321	423
2900	0.03991	178	0.28443	114	0.10820	330	1206.5	132	2.014	84	0.11744	423
3000	0.04169	181	0.28557	111	0.11150	313	1193.3	125	2.098	84	0.12167	424
3100	0.04350	184	0.28668	108	0.11463	305	1180.8	119	2.182	86	0.12591	423
3200	0.04534	188	0.28776	105	0.11768	296	1168.9	115	2.268	86	0.13014	421
3300	0.04722	190	0.28881	102	0.12064	287	1157.4	111	2.354	87	0.13435	421
3400	0.04912	194	0.28983	100	0.12351	278	1146.3	108	2.441	88	0.13856	419
3500	0.05106	197	0.29083	98	0.12629	270	1135.5	104	2.529	88	0.14275	418
3600	0.05303	200	0.29181	96	0.12899	261	1125.1	101	2.617	89	0.14693	417
3700	0.05503	203	0.29277	95	0.13160	253	1115.0	97	2.706	90	0.15110	416
3800	0.05706	206	0.29372	94	0.13413	242	1105.3	93	2.796	91	0.15526	414
3900	0.05912	209	0.29466	94	0.13655	234	1096.0	90	2.887	92	0.15940	412
4000	0.06121	212	0.29560	94	0.13889	224	1087.0	90	2.979	93	0.16352	409
4100	0.06333	215	0.29654	94	0.14113	215	1078.0	87	3.072	93	0.16761	406
4200	0.06548	219	0.29748	94	0.14328	207	1069.3	85	3.165	94	0.17167	403
4300	0.06767	221	0.29842	94	0.14535	199	1060.8	81	3.259	95	0.17570	400
4400	0.06988	225	0.29936	94	0.14734	191	1052.7	78	3.354	95	0.17970	397
4500	0.07213	227	0.30030	94	0.14925	183	1044.9	76	3.449	96	0.18367	394
4600	0.07440	231	0.30124	94	0.15108	175	1037.3	72	3.545	96	0.18761	390
4700	0.07671	233	0.30218	94	0.15283	167	1030.1	69	3.641	97	0.19151	387
4800	0.07904	236	0.30312	91	0.15450	159	1023.2	67	3.738	98	0.19538	384
4900	0.08140	240	0.30403	87	0.15608	153	1016.5	65	3.836	99	0.19922	381
5000	0.08380	243	0.30490	84	0.15762	147	1010.0	66	3.935	99	0.20303	378

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TABLE II. $V=1{,}750$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.08380	243	0.30490	84	0.15762	147	1010.0	66	3.935	99	0.20303	378
5100	0.08623	245	0.30574	83	0.15909	144	1003.4	65	4.034	100	0.20681	375
5200	0.08868	248	0.30657	80	0.16053	140	996.9	63	4.134	100	0.21056	371
5300	0.09116	251	0.30737	78	0.16193	136	990.6	60	4.234	101	0.21427	369
5400	0.09367	254	0.30815	77	0.16329	131	984.6	58	4.335	102	0.21796	366
5500	0.09621	257	0.30892	74	0.16460	127	978.8	56	4.437	102	0.22162	362
5600	0.09878	260	0.30966	72	0.16587	122	973.2	54	4.539	103	0.22524	359
5700	0.10138	263	0.31038	70	0.16709	119	967.8	53	4.642	104	0.22883	357
5800	0.10401	266	0.31108	69	0.16828	114	962.5	53	4.746	104	0.23240	353
5900	0.10667	268	0.31177	66	0.16942	109	957.2	52	4.850	105	0.23593	350
6000	0.10935	271	0.31243	63	0.17051	106	952.0	53	4.955	105	0.23943	346
6100	0.11206	274	0.31306	61	0.17157	103	946.7	53	5.060	106	0.24289	343
6200	0.11480	276	0.31367	59	0.17260	100	941.4	53	5.166	107	0.24632	341
6300	0.11756	280	0.31426	58	0.17360	99	936.1	52	5.273	107	0.24973	337
6400	0.12036	282	0.31484	57	0.17459	99	930.9	51	5.380	108	0.25310	335
6500	0.12318	286	0.31541	55	0.17558	97	925.8	51	5.488	109	0.25645	332
6600	0.12604	288	0.31596	53	0.17655	96	920.7	50	5.597	109	0.25977	328
6700	0.12892	292	0.31649	52	0.17751	94	915.7	50	5.706	109	0.26305	326
6800	0.13184	294	0.31701	51	0.17845	92	910.7	49	5.815	110	0.26631	324
6900	0.13478	297	0.31752	49	0.17937	91	905.8	48	5.925	111	0.26955	320
7000	0.13775	300	0.31801	50	0.18028	89	901.0	48	6.036	111	0.27275	317
7100	0.14075	303	0.31851	48	0.18117	87	896.2	48	6.147	112	0.27592	315
7200	0.14378	306	0.31899	48	0.18204	86	891.4	47	6.259	113	0.27907	312
7300	0.14684	308	0.31947	47	0.18290	86	886.7	47	6.372	113	0.28219	311
7400	0.14992	311	0.31994	46	0.18376	84	882.0	46	6.485	114	0.28530	308
7500	0.15303	313	0.32040	45	0.18460	85	877.4	46	6.599	114	0.28838	306
7600	0.15616	316	0.32085	45	0.18545	81	872.8	45	6.713	115	0.29144	304
7700	0.15932	319	0.32130	43	0.18626	82	868.3	45	6.828	115	0.29448	302
7800	0.16251	322	0.32173	42	0.18708	82	863.8	44	6.943	116	0.29750	300
7900	0.16573	324	0.32215	42	0.18790	80	859.4	44	7.059	117	0.30050	298
8000	0.16897	327	0.32257	41	0.18870	82	855.0	43	7.176	117	0.30348	295
8100	0.17224	330	0.32298	40	0.18952	82	850.7	42	7.293	118	0.30643	292
8200	0.17554	333	0.32338	39	0.19034	82	846.5	42	7.411	119	0.30935	291
8300	0.17887	336	0.32377	39	0.19116	82	842.3	42	7.530	119	0.31226	289
8400	0.18223	339	0.32416	38	0.19198	82	838.1	41	7.649	119	0.31515	287
8500	0.18562	342	0.32454	36	0.19280	82	834.0	41	7.768	120	0.31802	285
8600	0.18904	345	0.32490	35	0.19362	82	829.9	40	7.888	121	0.32087	283
8700	0.19249	349	0.32525	34	0.19444	81	825.9	40	8.009	122	0.32370	281
8800	0.19598	351	0.32559	34	0.19525	80	821.9	40	8.131	122	0.32651	280
8900	0.19949	354	0.32593	33	0.19605	79	817.9	39	8.253	122	0.32931	277
9000	0.20303	356	0.32626	34	0.19684	78	814.0	39	8.375	123	0.33208	275
9100	0.20659	359	0.32660	33	0.19762	77	810.1	39	8.498	124	0.33483	274
9200	0.21018	363	0.32693	33	0.19839	76	806.2	39	8.622	124	0.33757	272
9300	0.21381	365	0.32726	33	0.19915	75	802.3	38	8.746	125	0.34029	271
9400	0.21746	368	0.32759	33	0.19990	74	798.5	38	8.871	126	0.34300	270
9500	0.22114	371	0.32792	32	0.20064	73	794.7	38	8.997	126	0.34570	268
9600	0.22485	374	0.32824	32	0.20137	71	790.9	38	9.123	127	0.34838	267
9700	0.22859	378	0.32856	32	0.20208	71	787.1	37	9.250	127	0.35105	265
9800	0.23237	380	0.32888	32	0.20279	71	783.4	37	9.377	128	0.35370	263
9900	0.23617	383	0.32920	32	0.20350	72	779.7	37	9.505	128	0.35633	261
10000	0.24000	386	0.32952	31	0.20422	74	776.0	36	9.633	129	0.35894	258

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TABLE II. $V=1{,}750\,f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.24000	386	0.32952	31	0.20422	74	776.0	36	9.633	129	0.35894	258
10100	0.24386	388	0.32983	32	0.20496	78	772.4	36	9.762	129	0.36152	256
10200	0.24774	392	0.33015	31	0.20574	81	768.8	36	9.891	131	0.36408	256
10300	0.25166	395	0.33046	30	0.20655	82	765.2	36	10.022	131	0.36664	255
10400	0.25561	398	0.33076	31	0.20737	81	761.6	35	10.153	131	0.36919	255
10500	0.25959	401	0.33107	31	0.20818	81	758.1	36	10.284	131	0.37174	255
10600	0.26360	405	0.33138	30	0.20899	81	754.5	34	10.416	133	0.37429	255
10700	0.26765	408	0.33168	30	0.20980	81	751.1	35	10.549	134	0.37684	255
10800	0.27172	411	0.33198	30	0.21061	81	747.6	35	10.683	134	0.37939	255
10900	0.27583	413	0.33228	30	0.21142	80	744.1	34	10.817	135	0.38194	253
11000	0.27996	416	0.33258	30	0.21222	79	740.7	34	10.952	135	0.38447	249
11100	0.28412	419	0.33288	30	0.21301	78	737.3	35	11.087	136	0.38696	247
11200	0.28831	422	0.33318	29	0.21379	79	733.8	34	11.223	137	0.38943	245
11300	0.29253	425	0.33347	29	0.21458	78	730.4	34	11.360	137	0.39188	245
11400	0.29678	429	0.33376	30	0.21536	79	727.0	34	11.497	139	0.39433	244
11500	0.30107	432	0.33406	29	0.21615	78	723.6	34	11.636	138	0.39677	242
11600	0.30539	436	0.33435	28	0.21693	79	720.2	33	11.774	139	0.39919	242
11700	0.30975	439	0.33463	29	0.21772	79	716.9	34	11.913	140	0.40161	241
11800	0.31414	442	0.33492	29	0.21851	78	713.5	33	12.053	140	0.40402	239
11900	0.31856	445	0.33521	28	0.21929	79	710.2	33	12.193	141	0.40641	239
12000	0.32301	448	0.33549	28	0.22008	80	706.9	33	12.334	142	0.40880	238
12100	0.32749	452	0.33577	28	0.22088	81	703.6	33	12.476	142	0.41118	238
12200	0.33201	455	0.33605	28	0.22169	81	700.3	32	12.618	144	0.41356	237
12300	0.33656	458	0.33633	28	0.22250	81	697.1	33	12.762	143	0.41593	236
12400	0.34114	462	0.33661	27	0.22331	81	693.8	32	12.905	145	0.41829	235
12500	0.34576	466	0.33688	28	0.22412	82	690.6	33	13.050	145	0.42064	235
12600	0.35042	469	0.33716	27	0.22494	82	687.3	32	13.195	146	0.42299	233
12700	0.35511	472	0.33743	27	0.22576	83	684.1	32	13.341	146	0.42532	233
12800	0.35983	476	0.33771	27	0.22659	83	680.9	31	13.487	147	0.42765	233
12900	0.35459	479	0.33798	27	0.22742	83	677.8	32	13.634	148	0.42998	231
13000	0.36938	482	0.33835	29	0.22825	83	674.6	31	13.782	149	0.43229	231
13100	0.37420	485	0.33864	29	0.22908	84	671.5	32	13.931	149	0.43460	230
13200	0.37905	489	0.33893	29	0.22992	84	668.3	31	14.080	150	0.43690	229
13300	0.38394	493	0.33922	29	0.23076	85	665.2	31	14.230	151	0.43919	229
13400	0.38887	497	0.33951	29	0.23161	85	662.1	31	14.381	151	0.44148	228
13500	0.39384	500	0.33980	29	0.23246	85	659.0	31	14.532	152	0.44376	227
13600	0.39884	504	0.34009	29	0.23331	86	655.9	30	14.684	153	0.44603	227
13700	0.40388	508	0.34038	30	0.23417	86	652.9	31	14.837	154	0.44830	226
13800	0.40896	512	0.34068	29	0.23503	86	649.8	30	14.991	154	0.45056	226
13900	0.41407	515	0.34097	30	0.23589	87	646.8	30	15.145	155	0.45282	225
14000	0.41922	518	0.34127	30	0.23676	88	643.8	30	15.300	155	0.45507	225
14100	0.42440	522	0.34157	29	0.23764	88	640.8	30	15.456	157	0.45732	224
14200	0.42962	526	0.34186	30	0.23852	88	637.8	30	15.613	157	0.45956	223
14300	0.43488	529	0.34216	29	0.23940	89	634.8	29	15.770	159	0.46179	223
14400	0.44017	533	0.34245	30	0.24029	89	631.9	30	15.929	159	0.46402	223
14500	0.44550	537	0.34275	30	0.24118	89	628.9	29	16.088	159	0.46625	222
14600	0.45087	541	0.34305	30	0.24207	89	626.0	29	16.247	160	0.46847	222
14700	0.45628	545	0.34335	31	0.24296	90	623.1	29	16.407	161	0.47069	221
14800	0.46173	550	0.34366	30	0.24386	90	620.2	29	16.568	161	0.47290	221
14900	0.46723	553	0.34396	30	0.24476	90	617.3	29	16.729	162	0.47511	220
15000	0.47276	557	0.34426	30	0.24566	90	614.4	29	16.891	163	0.47731	220

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TABLE II. *V=1,750 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.47276	557	0.34426	30	0.24566	90	614.4	29	16.891	163	0.47731	220
15100	0.47833	560	0.34456	31	0.24656	90	611.5	28	17.054	164	0.47951	219
15200	0.48393	565	0.34487	30	0.24746	90	608.7	29	17.218	165	0.48170	220
15300	0.48958	569	0.34517	31	0.24836	91	605.8	28	17.383	165	0.48390	218
15400	0.49527	573	0.34548	30	0.24927	91	603.0	28	17.548	167	0.48608	219
15500	0.50100	577	0.34578	31	0.25018	90	600.2	28	17.715	166	0.48827	218
15600	0.50677	582	0.34609	31	0.25108	92	597.4	28	17.881	168	0.49045	218
15700	0.51259	585	0.34640	31	0.25200	91	594.6	28	18.049	169	0.49263	217
15800	0.51844	589	0.34671	31	0.25291	92	591.8	27	18.218	169	0.49480	217
15900	0.52433	594	0.34702	31	0.25383	92	589.1	28	18.387	170	0.49697	217
16000	0.53027	598	0.34733	31	0.25475	93	586.3	27	18.557	171	0.49914	217
16100	0.53625	602	0.34764	31	0.25568	93	583.6	28	18.728	172	0.50131	216
16200	0.54227	607	0.34795	32	0.25661	93	580.8	27	18.900	172	0.50347	216
16300	0.54834	611	0.34827	31	0.25754	94	578.1	27	19.072	173	0.50563	215
16400	0.55445	615	0.34858	31	0.25848	94	575.4	27	19.245	175	0.50778	216
16500	0.56060	620	0.34889	32	0.25942	94	572.7	27	19.420	175	0.50994	215
16600	0.56680	625	0.34921	32	0.26036	95	570.0	26	19.595	176	0.51209	214
16700	0.57305	629	0.34953	31	0.26131	95	567.4	26	19.771	176	0.51423	215
16800	0.57934	633	0.34984	32	0.26226	95	564.8	27	19.947	178	0.51638	214
16900	0.58567	637	0.35016	32	0.26321	96	562.1	26	20.125	178	0.51852	214
17000	0.59204	642	0.35048	32	0.26417	96	559.5	26	20.303	179	0.52066	214
17100	0.59846	647	0.35080	32	0.26513	96	556.9	26	20.482	180	0.52280	213
17200	0.60493	652	0.35112	32	0.26609	96	554.3	26	20.662	180	0.52493	214
17300	0.61145	656	0.35144	32	0.26705	97	551.7	26	20.842	182	0.52707	213
17400	0.61801	661	0.35176	32	0.26802	97	549.1	25	21.024	182	0.52920	213
17500	0.62462	665	0.35208	32	0.26899	96	546.6	26	21.206	184	0.53133	212
17600	0.63127	670	0.35240	32	0.26995	98	544.0	25	21.390	184	0.53345	213
17700	0.63797	674	0.35272	33	0.27093	97	541.5	26	21.574	186	0.53558	212
17800	0.64471	679	0.35305	32	0.27190	98	538.9	25	21.760	186	0.53770	212
17900	0.65150	684	0.35337	33	0.27288	98	536.4	25	21.946	187	0.53982	212
18000	0.65834	689	0.35370	33	0.27386	99	533.9	25	22.133	188	0.54194	212
18100	0.66523	693	0.35403	33	0.27485	99	531.4	25	22.321	188	0.54406	211
18200	0.67216	698	0.35436	32	0.27584	99	528.9	24	22.509	190	0.54617	212
18300	0.67914	703	0.35468	33	0.27683	99	526.5	25	22.699	190	0.54829	211
18400	0.68617	709	0.35501	34	0.27782	99	524.0	24	22.889	192	0.55040	212
18500	0.69326	714	0.35535	33	0.27881	100	521.6	25	23.081	192	0.55252	210
18600	0.70040	719	0.35568	33	0.27981	99	519.1	24	23.273	193	0.55462	211
18700	0.70759	724	0.35601	34	0.28080	100	516.7	24	23.466	194	0.55673	211
18800	0.71483	729	0.35635	33	0.28180	100	514.3	24	23.660	195	0.55884	211
18900	0.72212	735	0.35668	34	0.28280	100	511.9	24	23.855	196	0.56095	210
19000	0.72947	742	0.35702	34	0.28380	99	509.5	24	24.051	197	0.56305	211
19100	0.73689	748	0.35736	34	0.28479	100	507.1	23	24.248	198	0.56516	210
19200	0.74437	753	0.35770	34	0.28579	99	504.8	24	24.446	198	0.56726	210
19300	0.75190	758	0.35804	34	0.28678	100	502.4	23	24.644	200	0.56936	210
19400	0.75948	763	0.35838	34	0.28778	100	500.1	23	24.844	200	0.57146	211
19500	0.76711	768	0.35872	34	0.28878	100	497.8	24	25.044	202	0.57357	210
19600	0.77479	773	0.35906	35	0.28977	100	495.4	23	25.246	202	0.57567	210
19700	0.78252	779	0.35941	35	0.29077	100	493.1	22	25.448	204	0.57777	209
19800	0.79031	783	0.35976	34	0.29177	100	490.9	23	25.652	204	0.57986	210
19900	0.79814	788	0.36010	35	0.29277	100	488.6	23	25.856	205	0.58196	210
20000	0.80602	793	0.36045	35	0.29377	101	486.3	22	26.061	206	0.58406	209

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TABLE II. *V=1,800 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
0	0.00000	100	0.25000	140	0.00000	382	1800.0	234	0.000	56	0.00000	381
100	0.00100	102	0.25140	137	0.00382	381	1776.6	232	0.056	57	0.00381	384
200	0.00202	104	0.25277	134	0.00763	381	1753.4	229	0.113	57	0.00765	385
300	0.00306	106	0.25411	131	0.01144	381	1730.5	226	0.170	58	0.01150	387
400	0.00412	107	0.25542	129	0.01525	381	1707.9	223	0.228	59	0.01537	390
500	0.00519	110	0.25671	127	0.01907	381	1685.6	220	0.287	60	0.01927	392
600	0.00629	112	0.25798	125	0.02287	381	1663.6	218	0.347	61	0.02319	393
700	0.00741	113	0.25923	122	0.02668	381	1641.8	215	0.408	61	0.02712	396
800	0.00854	115	0.26045	119	0.03049	381	1620.3	213	0.469	62	0.03108	398
900	0.00969	117	0.26164	116	0.03430	382	1599.0	211	0.531	63	0.03506	400
1000	0.01086	120	0.26280	113	0.03812	382	1577.9	209	0.594	63	0.03906	402
1100	0.01206	122	0.26393	109	0.04194	383	1557.0	207	0.657	65	0.04308	402
1200	0.01328	124	0.26502	106	0.04577	382	1536.3	204	0.722	65	0.04710	404
1300	0.01452	126	0.26608	103	0.04959	381	1515.9	200	0.787	66	0.05114	404
1400	0.01578	129	0.26711	101	0.05340	380	1495.9	196	0.853	68	0.05518	406
1500	0.01707	131	0.26812	103	0.05720	380	1476.3	194	0.921	68	0.05924	407
1600	0.01838	133	0.26915	105	0.06100	379	1456.9	190	0.989	69	0.06331	408
1700	0.01971	136	0.27020	107	0.06479	378	1437.9	186	1.058	70	0.06739	409
1800	0.02107	138	0.27127	110	0.06857	377	1419.3	183	1.128	71	0.07148	410
1900	0.02245	140	0.27237	113	0.07234	379	1401.0	182	1.199	72	0.07558	411
2000	0.02385	143	0.27350	116	0.07613	380	1382.8	180	1.271	73	0.07969	413
2100	0.02528	145	0.27466	119	0.07993	379	1364.8	177	1.344	74	0.08382	415
2200	0.02673	149	0.27585	122	0.08372	375	1347.1	173	1.418	75	0.08797	417
2300	0.02822	152	0.27707	124	0.08747	370	1329.8	168	1.493	75	0.09214	418
2400	0.02974	154	0.27831	124	0.09117	366	1313.0	163	1.568	76	0.09632	421
2500	0.03128	157	0.27955	123	0.09483	362	1296.7	159	1.644	78	0.10053	424
2600	0.03285	160	0.28078	121	0.09845	358	1280.8	154	1.722	79	0.10477	427
2700	0.03445	163	0.28199	119	0.10203	353	1265.4	149	1.801	79	0.10904	428
2800	0.03608	166	0.28318	116	0.10556	347	1250.5	145	1.880	81	0.11332	430
2900	0.03774	169	0.28434	114	0.10903	340	1236.0	139	1.961	81	0.11762	432
3000	0.03943	172	0.28548	112	0.11243	333	1222.1	135	2.042	82	0.12194	432
3100	0.04115	175	0.28660	111	0.11576	325	1208.6	130	2.124	83	0.12626	430
3200	0.04290	178	0.28776	110	0.11901	318	1195.6	126	2.207	84	0.13056	429
3300	0.04468	181	0.28881	110	0.12219	309	1183.0	122	2.291	85	0.13485	428
3400	0.04649	184	0.28981	109	0.12528	301	1170.8	118	2.376	86	0.13913	426
3500	0.04833	187	0.29100	109	0.12829	292	1159.0	114	2.462	87	0.14339	425
3600	0.05020	190	0.29209	108	0.13121	284	1147.6	110	2.549	88	0.14764	424
3700	0.05210	194	0.29317	107	0.13405	274	1136.6	106	2.637	88	0.15188	423
3800	0.05404	196	0.29424	106	0.13679	265	1126.0	102	2.725	89	0.15611	421
3900	0.05600	199	9.29530	106	0.13944	253	1115.8	97	2.814	90	0.16032	420
4000	0.05799	202	0.29636	105	0.14197	242	1106.1	94	2.904	91	0.16452	418
4100	0.06001	206	0.29741	105	0.14439	232	1096.7	91	2.995	92	0.16870	416
4200	0.06207	208	0.29846	104	0.14671	224	1087.6	87	3.087	92	0.17286	413
4300	0.06415	212	0.29950	104	0.14895	215	1078.9	86	3.179	93	0.17699	411
4400	0.06627	215	0.30054	103	0.15110	208	1070.3	82	3.272	94	0.18110	409
4500	0.06842	218	0.30157	101	0.15318	200	1062.1	80	3.366	94	0.18519	407
4600	0.07060	221	0.30258	99	0.15518	193	1054.1	76	3.460	95	0.18926	406
4700	0.07281	224	0.30357	97	0.15711	184	1046.5	75	3.555	96	0.19332	403
4800	0.07505	227	0.30454	95	0.15895	176	1039.0	71	3.651	97	0.19735	398
4900	0.07732	230	0.30549	93	0.16071	169	1031.9	69	3.748	97	0.20133	395
5000	0.07962	233	0.30642	91	0.16240	161	1025.0	69	3.845	98	0.20528	392

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TABLE II. *V=1,800 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.07962	233	0.30642	91	0.16240	161	1025.0	69	3.845	98	0.20528	392
5100	0.08195	236	0.30733	89	0.16401	156	1018.1	67	3.943	99	0.20920	389
5200	0.08431	239	0.30822	86	0.16557	151	1011.4	65	4.042	99	0.21309	386
5300	0.08670	242	0.30908	84	0.16708	146	1004.9	64	4.141	100	0.21695	383
5400	0.08912	245	0.30992	81	0.16854	140	998.5	63	4.241	100	0.22078	380
5500	0.09157	248	0.31073	79	0.16994	136	992.2	61	4.341	101	0.22458	377
5600	0.09405	251	0.31152	77	0.17130	130	986.1	60	4.442	102	0.22835	373
5700	0.09656	253	0.31229	73	0.17260	125	980.1	59	4.544	102	0.23208	371
5800	0.09909	256	0.31302	72	0.17385	120	974.2	57	4.646	103	0.23579	367
5900	0.10165	259	0.31374	69	0.17505	114	968.5	55	4.749	103	0.23946	365
6000	0.10424	262	0.31443	66	0.17619	110	963.0	54	4.852	104	0.24311	360
6100	0.10686	265	0.31509	63	0.17729	107	957.6	54	4.956	105	0.24671	357
6200	0.10951	268	0.31572	63	0.17836	105	952.2	53	5.061	105	0.25028	354
6300	0.11219	271	0.31635	60	0.17941	104	946.9	53	5.166	106	0.25382	351
6400	0.11490	273	0.31695	60	0.18045	102	941.6	52	5.272	107	0.25733	348
6500	0.11763	276	0.31755	57	0.18147	100	936.4	52	5.379	107	0.26081	345
6600	0.12039	279	0.31812	55	0.18247	98	931.2	51	5.486	108	0.26426	343
6700	0.12318	282	0.31867	54	0.18345	97	926.1	51	5.594	108	0.26769	339
6800	0.12600	285	0.31921	52	0.18442	95	921.0	50	5.702	109	0.27108	336
6900	0.12885	287	0.31973	51	0.18537	92	916.0	50	5.811	109	0.27444	334
7000	0.13172	290	0.32024	52	0.18629	90	911.0	49	5.920	110	0.27778	331
7100	0.13462	294	0.32076	50	0.18719	88	906.1	49	6.030	111	0.28109	328
7200	0.13756	296	0.32126	50	0.18807	87	901.2	48	6.141	111	0.28437	326
7300	0.14052	299	0.32176	49	0.18894	86	896.4	48	6.252	112	0.28763	324
7400	0.14351	302	0.32225	48	0.18980	84	891.6	47	6.364	112	0.29087	321
7500	0.14653	304	0.32273	47	0.19064	83	886.9	47	6.476	113	0.29408	318
7600	0.14957	307	0.32320	46	0.19147	83	882.2	46	6.589	114	0.29726	316
7700	0.15264	310	0.32366	45	0.19230	81	877.6	46	6.703	114	0.30042	313
7800	0.15574	313	0.32411	45	0.19311	80	873.0	45	6.817	115	0.30355	311
7900	0.15887	316	0.32456	43	0.19391	79	868.5	45	6.932	115	0.30666	308
8000	0.16203	319	0.32499	43	0.19470	80	864.0	44	7.047	116	0.30974	306
8100	0.16522	321	0.32542	42	0.19550	80	859.6	44	7.163	117	0.31280	304
8200	0.16843	324	0.32584	41	0.19630	79	855.2	43	7.280	117	0.31584	301
8300	0.17167	327	0.32625	41	0.19709	78	850.9	42	7.397	118	0.31885	300
8400	0.17494	330	0.32666	40	0.19787	78	846.7	42	7.515	118	0.32185	298
8500	0.17824	333	0.32706	39	0.19865	78	842.5	42	7.633	119	0.32483	295
8600	0.18157	336	0.32745	39	0.19943	78	838.3	42	7.752	120	0.32778	294
8700	0.18493	338	0.32784	38	0.20021	77	834.1	41	7.872	120	0.33072	291
8800	0.18831	342	0.32822	37	0.20098	76	830.0	40	7.992	121	0.33363	290
8900	0.19173	344	0.32859	37	0.20174	76	826.0	40	8.113	121	0.33653	287
9000	0.19517	347	0.32896	36	0.20250	76	822.0	39	8.234	122	0.33940	286
9100	0.19864	350	0.32932	36	0.20326	76	818.1	39	8.356	122	0.34226	284
9200	0.20214	353	0.32968	35	0.20402	76	814.2	39	8.478	123	0.34510	283
9300	0.20567	356	0.33003	35	0.20478	75	810.3	38	8.601	124	0.34793	280
9400	0.20923	359	0.33038	34	0.20553	75	806.5	38	8.725	124	0.35073	280
9500	0.21282	362	0.33072	33	0.20628	75	802.7	37	8.849	125	0.35353	277
9600	0.21644	364	0.33105	33	0.20703	75	799.0	39	8.974	126	0.35630	275
9700	0.22008	368	0.33138	33	0.20718	74	795.1	37	9.100	126	0.35905	274
9800	0.22376	371	0.33171	32	0.20852	74	791.4	37	9.226	127	0.36179	273
9900	0.22747	373	0.33203	31	0.20926	74	787.7	37	9.353	127	0.36452	270
10000	0.23120	377	0.33234	31	0.21000	74	784.0	37	9.480	128	0.36722	269

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TABLE II. $V=1{,}800\,f.\ s.$—Continued.

$Z=\frac{X}{}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.23120	377	0.33234	31	0.21000	74	784.0	37	9.480	128	0.36722	269
10100	0.23497	379	0.33265	30	0.21074	73	780.3	36	9.608	128	0.36991	267
10200	0.23876	382	0.33295	30	0.21147	74	776.7	36	9.736	129	0.37258	267
10300	0.24258	385	0.33325	30	0.21221	74	773.1	37	9.865	130	0.37525	264
10400	0.24643	388	0.33355	29	0.21295	74	769.4	36	9.995	130	0.37789	264
10500	0.25031	391	0.33384	29	0.21369	73	765.8	35	10.125	131	0.38053	262
10600	0.25422	395	0.33413	29	0.21442	74	762.3	36	10.256	131	0.38315	260
10700	0.25817	397	0.33442	28	0.21516	74	758.7	35	10.387	132	0.38575	260
10800	0.26214	401	0.33470	28	0.21590	73	755.2	35	10.519	133	0.38835	258
10900	0.26615	403	0.33498	28	0.21663	74	751.7	35	10.652	133	0.39093	256
11000	0.27018	406	0.33526	28	0.21737	74	748.2	35	10.785	134	0.39349	256
11100	0.27424	410	0.33554	29	0.21811	74	744.7	35	10.919	134	0.39605	254
11200	0.27834	413	0.33583	28	0.21885	74	741.2	34	11.053	135	0.39859	253
11300	0.28247	416	0.33611	28	0.21959	75	737.8	34	11.188	136	0.40112	252
11400	0.28663	419	0.33639	28	0.22034	74	734.4	35	11.324	137	0.40364	252
11500	0.29082	422	0.33667	28	0.22108	75	730.9	34	11.461	137	0.40616	250
11600	0.29504	426	0.33695	28	0.22183	76	727.5	34	11.598	138	0.40866	249
11700	0.29930	428	0.33723	28	0.22259	75	724.1	34	11.736	138	0.41115	248
11800	0.30358	432	0.33751	27	0.22334	75	720.7	33	11.874	139	0.41363	246
11900	0.30790	435	0.33778	28	0.22409	76	717.4	34	12.013	140	0.41609	246
12000	0.31225	438	0.33806	28	0.22485	76	714.0	33	12.153	140	0.41855	245
12100	0.31663	442	0.33834	28	0.22561	77	710.7	33	12.293	141	0.42100	245
12200	0.32105	445	0.33862	27	0.22638	77	707.4	33	12.434	142	0.42345	243
12300	0.32550	448	0.33889	28	0.22715	77	704.1	33	12.576	143	0.42588	243
12400	0.32998	452	0.33917	28	0.22792	78	700.8	33	12.719	143	0.42831	242
12500	0.33450	455	0.33945	28	0.22870	78	697.5	32	12.862	143	0.43073	240
12600	0.33905	459	0.33973	28	0.22948	78	694.3	33	13.005	145	0.43313	240
12700	0.34364	462	0.34001	27	0.23026	79	691.0	32	13.150	145	0.43553	240
12800	0.34826	465	0.34028	28	0.23105	79	687.8	32	13.295	146	0.43793	238
12900	0.35291	468	0.34056	28	0.23184	79	684.6	32	13.441	146	0.44031	237
13000	0.35759	472	0.34084	28	0.23263	80	681.4	32	13.587	147	0.44268	236
13100	0.36231	475	0.34112	28	0.23343	81	678.2	31	13.734	148	0.44504	236
13200	0.36706	479	0.34140	29	0.23424	81	675.1	32	13.882	148	0.44740	235
13300	0.37185	482	0.34169	28	0.23505	81	671.9	32	14.030	149	0.44975	234
13400	0.37667	486	0.34197	28	0.23586	82	668.7	31	14.179	150	0.45209	234
13500	0.38153	489	0.34223	28	0.23668	82	665.6	31	14.329	151	0.45443	232
13600	0.38642	493	0.34253	28	0.23750	82	662.5	31	14.480	151	0.45575	232
13700	0.39135	496	0.34281	29	0.23832	83	659.4	31	14.631	152	0.45907	232
13800	0.39631	500	0.34310	28	0.23915	83	656.3	30	14.783	153	0.46139	230
13900	0.40131	503	0.34338	28	0.23998	83	653.3	31	14.936	153	0.46369	230
14000	0.40634	507	0.34366	28	0.24081	84	650.2	31	15.089	154	0.46599	230
14100	0.41141	511	0.34394	29	0.24165	84	647.1	30	15.243	155	0.46829	229
14200	0.41652	514	0.34483	28	0.24249	84	644.1	30	15.398	156	0.47058	228
14300	0.42166	518	0.34451	28	0.24333	85	641.1	30	15.554	156	0.47286	228
14400	0.42684	522	0.34479	29	0.24418	86	630.1	30	15.710	157	0.47514	228
14500	0.43206	526	0.34508	28	0.24804	85	635.1	30	15.867	158	0.47742	226
14600	0.43732	530	0.34536	28	0.24589	86	632.1	29	16.025	159	0.47968	226
14700	0.44262	533	0.34564	28	0.24676	86	629.2	29	16.184	159	0.48194	226
14800	0.44795	537	0.34592	29	0.24761	86	626.3	29	16.343	160	0.48420	225
14900	0.45332	541	0.34621	28	0.24847	87	623.4	29	16.503	161	0.48645	225
15000	0.45873	545	0.34649	29	0.24934	87	620.5	29	16.664	161	0.48870	224

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TABLE II. *V=1,800 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.45873	545	0.34649	29	0.24934	87	620.5	29	16.664	161	0.48870	224
15100	0.46418	549	0.34678	28	0.25021	88	617.6	29	16.825	163	0.49094	224
15200	0.46967	553	0.34706	29	0.25109	88	614.7	28	16.988	163	0.49318	223
15300	0.47520	557	0.34735	29	0.25197	88	611.9	29	17.151	163	0.49541	223
15400	0.48077	561	0.34764	29	0.25285	88	609.0	28	17.314	165	0.49764	223
15500	0.48638	564	0.34793	28	0.25373	89	606.2	29	17.479	165	0.49987	222
15600	0.49202	569	0.34821	29	0.25462	89	603.3	28	17.644	167	0.50209	222
15700	0.49771	573	0.34850	30	0.25551	90	600.5	27	17.811	167	0.50431	221
15800	0.50344	577	0.34880	29	0.25641	90	597.8	28	17.978	167	0.50652	221
15900	0.50921	581	0.34909	29	0.25731	90	595.0	28	18.145	169	0.50873	220
16000	0.51502	585	0.34938	29	0.25821	90	592.2	28	18.314	169	0.51093	220
16100	0.52087	590	0.34967	29	0.25911	91	589.4	27	18.483	170	0.51313	220
16200	0.52677	594	0.34996	29	0.26002	91	586.7	28	18.653	171	0.51533	220
16300	0.53271	598	0.35025	29	0.26093	91	583.9	28	18.824	172	0.51753	219
16400	0.53869	602	0.35054	30	0.26184	92	581.1	27	18.996	173	0.51972	219
16500	0.54471	607	0.35084	30	0.26276	91	578.4	27	19.169	173	0.52191	219
16600	0.55078	611	0.35114	30	0.26367	92	575.7	26	19.342	174	0.52410	218
16700	0.55689	615	0.35144	31	0.26459	92	573.1	27	19.516	175	0.52628	218
16800	0.56304	620	0.35175	30	0.26551	92	570.4	27	19.691	176	0.52846	218
16900	0.56924	624	0.35205	31	0.26643	93	567.7	26	19.867	176	0.53064	217
17000	0.57548	629	0.35236	31	0.26736	93	565.1	26	20.043	177	0.53281	217
17100	0.58177	633	0.35267	30	0.26829	93	562.5	26	20.220	278	0.53498	217
17200	0.58810	638	0.35297	31	0.26922	94	559.9	27	20.398	179	0.53715	217
17300	0.59448	642	0.35328	31	0.27016	93	557.2	26	20.577	180	0.53932	217
17400	0.60090	648	0.35359	31	0.27109	94	554.6	26	20.757	181	0.54149	216
17500	0.60738	651	0.35390	32	0.27203	94	552.0	26	20.938	181	0.54365	216
17600	0.61389	657	0.35422	31	0.27297	95	549.4	25	21.119	182	0.54581	216
17700	0.62046	661	0.35453	31	0.27392	95	546.9	26	21.301	184	0.54797	216
17800	0.62707	666	0.35484	32	0.27487	95	544.3	25	21.485	184	0.55013	215
17900	0.63373	670	0.35516	32	0.2 582	95	541.8	25	21.669	185	0.55228	215
18000	0.64043	675	0.35548	33	0.27677	95	539.3	25	21.854	186	0.55443	215
18100	0.64718	681	0.35581	32	0.27772	96	536.8	26	22.040	187	0.55658	215
18200	0.65399	685	0.35613	33	0.27868	96	534.2	25	22.227	187	0.55873	215
18300	0.66084	691	0.35646	33	0.27964	96	531.7	25	22.414	187	0.56088	215
18400	0.66775	695	0.35679	33	0.28060	96	529.2	24	22.603	189	0.56303	215
18500	0.67470	700	0.35712	33	0.28156	96	526.8	25	22.792	190	0.56518	214
18600	0.68170	706	0.35745	33	0.28252	97	524.3	24	22.982	191	0.56732	214
18700	0.68876	710	0.35778	33	0.28349	97	521.9	24	23.173	192	0.56946	214
18800	0.69586	716	0.35811	33	0.28446	96	519.5	24	23.365	193	0.57160	214
18900	0.70302	720	0.35844	34	0.28542	97	517.1	24	23.558	194	0.57374	213
19000	0.71022	725	0.35878	33	0.28639	98	514.7	24	23.752	195	0.57587	213
19100	0.71747	731	0.35911	34	0.28737	97	512.3	24	23.947	196	0.57800	213
19200	0.72478	736	0.35945	33	0.28834	98	509.9	24	24.143	197	0.58013	213
19300	0.73214	741	0.35978	33	0.28932	98	507.5	23	24.340	198	0.58226	213
19400	0.73955	747	0.36011	34	0.29030	98	505.2	24	24.538	198	0.58439	213
19500	0.74702	751	0.36045	33	0.29128	99	502.8	23	24.736	199	0.58652	213
19600	0.75453	757	0.36078	33	0.29227	98	500.5	24	24.935	200	0.58865	213
19700	0.76210	762	0.36111	33	0.29325	98	498.1	23	25.135	201	0.59078	212
19800	0.76972	768	0.36144	34	0.29423	99	495.8	23	25.336	202	0.59290	212
19900	0.77740	773	0.36178	33	0.29522	99	493.5	23	25.538	203	0.59502	212
20000	0.78513	778	0.36211	34	0.29621	99	491.2	24	25.741	204	0.59714	212

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TABLE II. $V=1{,}850$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B′*	Δ	*u*	Δ	*T′*	Δ	*log Q*	Δ
0	0.00000	95	0.25000	138	0.00000	380	1850.0	241	0.000	55	0.00000	383
100	0.00095	97	0.25138	135	0.00380	380	1825.9	238	0.055	55	0.00383	385
200	0.00192	98	0.25273	132	0.00760	380	1802.1	235	0.110	56	0.00768	387
300	0.00290	100	0.25405	129	0.01140	380	1778.6	232	0.166	57	0.01155	388
400	0.00390	102	0.25534	127	0.01520	380	1755.4	229	0.223	57	0.01543	389
500	0.00492	104	0.25661	125	0.01900	380	1732.5	226	0.280	58	0.01932	391
600	0.00596	105	0.25786	122	0.02280	380	1709.9	224	0.338	59	0.02323	393
700	0.00701	107	0.25908	120	0.02660	380	1687.5	221	0.397	60	0.02716	394
800	0.00808	109	0.26028	117	0.03040	380	1665.4	218	0.457	60	0.03110	395
900	0.00917	111	0.26145	115	0.03420	380	1643.6	216	0.517	61	0.03505	397
1000	0.01028	113	0.26260	114	0.03800	380	1622.0	213	0.578	62	0.03902	398
1100	0.01141	115	0.26374	110	0.04180	380	1600.7	209	0.640	63	0.04300	399
1200	0.01256	117	0.26484	107	0.04560	380	1579.8	207	0.703	64	0.04699	401
1300	0.01373	120	0.26591	104	0.04940	380	1559.1	205	0.767	65	0.05100	402
1400	0.01493	122	0.26695	102	0.05320	380	1538.6	201	0.832	66	0.05502	404
1500	0.01615	124	0.26797	104	0.05700	380	1518.5	199	0.898	66	0.05906	406
1600	0.01739	126	0.26901	106	0.06080	380	1498.6	195	0.964	67	0.06312	407
1700	0.01865	128	0.27007	108	0.06460	380	1479.1	193	1.031	68	0.06719	409
1800	0.01993	131	0.27115	111	0.06840	380	1459.8	191	1.099	68	0.07128	411
1900	0.02124	133	0.27226	114	0.07220	380	1440.7	189	1.167	70	0.07539	414
2000	0.02257	135	0.27340	117	0.07600	380	1421.8	188	1.237	70	0.07953	417
2100	0.02392	138	0.27457	119	0.07980	378	1403.0	185	1.307	71	0.08370	420
2200	0.02530	141	0.27576	121	0.08358	376	1384.5	181	1.378	72	0.08790	422
2300	0.02671	144	0.27697	123	0.08734	374	1366.4	177	1.450	74	0.09212	423
2400	0.02815	146	0.27820	124	0.09108	372	1348.7	172	1.524	74	0.09635	424
2500	0.02961	149	0.27944	123	0.09480	370	1331.5	168	1.598	76	0.10059	425
2600	0.03110	152	0.28067	122	0.09850	368	1314.7	163	1.674	76	0.10484	426
2700	0.03262	154	0.28189	119	0.10218	366	1298.4	159	1.750	78	0.10910	427
2800	0.03416	157	0.28308	117	0.10584	364	1282.5	155	1.828	79	0.11337	429
2900	0.03573	160	0.28425	116	0.10948	362	1267.0	150	1.907	80	0.11866	431
3000	0.03733	162	0.28541	116	0.11310	356	1252.0	144	1.987	81	0.12197	433
3100	0.03895	166	0.28657	115	0.11666	347	1237.6	139	2.068	81	0.12630	434
3200	0.04061	169	0.28772	115	0.12013	338	1223.7	135	2.149	83	0.13064	433
3300	0.04230	172	0.28887	115	0.12351	329	1210.2	131	2.232	83	0.13497	432
3400	0.04402	175	0.29002	114	0.12680	320	1197.1	127	2.315	84	0.13929	431
3500	0.04577	178	0.29116	114	0.13000	310	1184.4	124	2.399	85	0.14360	431
3600	0.04755	181	0.29230	113	0.13310	301	1172.0	119	2.484	85	0.14791	431
3700	0.04936	184	0.29343	113	0.13611	292	1160.1	114	2.569	87	0.15222	430
3800	0.05120	187	0.29456	112	0.13903	283	1148.7	101	2.656	88	0.15652	429
3900	0.05307	190	0.29568	112	0.14186	274	1137.6	106	2.744	88	0.16081	429
4000	0.05497	193	0.29680	111	0.14460	264	1127.0	101	2.832	89	0.16510	428
4100	0.05690	196	0.29791	110	0.14724	253	1116.9	97	2.921	90	0.16938	426
4200	0.05886	199	0.29901	108	0.14977	242	1107.2	94	3.011	91	0.17364	423
4300	0.06085	203	0.30009	106	0.15219	231	1097.8	92	3.102	91	0.17787	421
4400	0.06288	205	0.30115	105	0.15450	222	1088.6	88	3.193	92	0.18208	420
4500	0.06493	209	0.30220	103	0.15672	215	1079.8	86	3.285	93	0.18628	418
4600	0.06702	211	0.30323	101	0.15887	208	1071.2	83	3.378	94	0.19046	416
4700	0.06913	215	0.30424	100	0.16095	202	1062.9	79	3.472	94	0.19462	414
4800	0.07128	218	0.30524	99	0.16297	195	1055.0	76	3.566	95	0.19876	412
4900	0.07346	221	0.30623	97	0.16492	188	1047.4	74	3.661	96	0.20288	410
5000	0.07567	224	0.30720	95	0.16680	180	1040.0	73	3.757	96	0.20698	406

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TABLE II. $V=1{,}850$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	a	Δ	T'	Δ	$\log Q$	Δ
5000	0.07567	224	0.30720	95	0.16680	180	1040.0	73	3.757	96	0.20698	406
5100	0.07791	227	0.30815	94	0.16860	173	1032.7	71	3.853	97	0.21104	402
5200	0.08018	230	0.30909	92	0.17033	166	1025.6	69	3.950	98	0.21506	399
5300	0.08248	232	0.31001	90	0.17199	159	1018.7	67	4.048	99	0.21905	397
5400	0.08480	236	0.31091	88	0.17358	151	1012.0	66	4.147	99	0.22302	394
5500	0.08716	238	0.31179	85	0.17509	144	1005.4	64	4.246	100	0.22696	390
5600	0.08954	242	0.31264	83	0.17653	137	999.0	63	4.346	100	0.23086	387
5700	0.09196	244	0.31347	82	0.17790	131	992.7	61	4.446	101	0.23473	385
5800	0.09440	248	0.31429	80	0.17921	127	986.6	61	4.547	102	0.23858	382
5900	0.09688	250	0.31509	77	0.18048	122	980.7	59	4.649	102	0.24240	378
6000	0.09938	253	0.31586	74	0.18170	118	975.0	56	4.751	103	0.24618	374
6100	0.10191	256	0.31660	71	0.18288	114	969.4	56	4.854	104	0.24992	370
6200	0.10447	259	0.31731	70	0.18402	109	963.8	55	4.958	104	0.25362	368
6300	0.10706	262	0.31801	68	0.18511	106	958.3	54	5.062	105	0.25730	365
6400	0.10968	264	0.31869	66	0.18617	103	952.9	53	5.167	105	0.26095	362
6500	0.11232	267	0.31935	64	0.18720	101	947.6	53	5.272	106	0.26457	358
6600	0.11499	270	0.31999	62	0.18821	100	942.3	52	5.378	106	0.26815	355
6700	0.11769	273	0.32061	60	0.18921	99	937.1	51	5.484	107	0.27170	353
6800	0.12042	276	0.32121	58	0.19020	96	932.0	50	5.591	108	0.27523	350
6900	0.12318	279	0.32179	57	0.19116	94	927.0	50	5.699	108	0.27873	347
7000	0.12597	281	0.32236	55	0.19210	91	922.0	50	5.807	109	0.28220	344
7100	0.12878	285	0.32291	54	0.19301	90	917.0	50	5.916	109	0.28564	341
7200	0.13163	287	0.32345	53	0.19391	89	912.0	49	6.025	110	0.28905	338
7300	0.13450	290	0.32398	52	0.19480	88	907.1	49	6.135	110	0.29243	335
7400	0.13740	293	0.32450	51	0.19568	86	902.2	48	6.245	111	0.29578	333
7500	0.14033	295	0.32501	49	0.19654	84	897.4	48	6.356	112	0.29911	330
7600	0.14328	299	0.32550	48	0.19738	82	892.6	47	6.468	112	0.30241	328
7700	0.14627	301	0.32598	47	0.19820	81	887.9	47	6.580	113	0.30569	325
7800	0.14928	304	0.32645	46	0.19901	80	883.2	46	6.693	114	0.30894	322
7900	0.15232	307	0.32691	44	0.19981	79	878.6	46	6.807	114	0.31216	320
8000	0.15539	309	0.32735	44	0.20060	78	874.0	45	6.921	115	0.31536	317
8100	0.15848	313	0.32779	44	0.20138	78	869.5	45	7.036	115	0.31853	315
8200	0.16161	315	0.32823	43	0.20216	78	865.0	44	7.151	116	0.32168	313
8300	0.16476	318	0.32866	42	0.20294	78	860.6	43	7.267	116	0.32481	311
8400	0.16794	321	0.32908	41	0.20372	77	856.3	43	7.383	117	0.32792	308
8500	0.17115	324	0.32949	40	0.20449	76	852.0	43	7.500	118	0.33100	306
8600	0.17439	327	0.32989	40	0.20525	75	847.7	43	7.618	118	0.33406	304
8700	0.17766	330	0.33029	39	0.20600	74	843.4	42	7.736	119	0.33710	302
8800	0.18096	332	0.33068	38	0.20674	73	839.2	41	7.855	120	0.34012	300
8900	0.18428	335	0.33106	38	0.20747	73	835.1	41	7.975	120	0.34312	297
9000	0.18763	338	0.33144	37	0.20820	72	831.0	41	8.095	121	0.34609	294
9100	0.19101	341	0.33181	37	0.20892	72	826.9	40	8.216	121	0.34905	293
9200	0.19442	344	0.33218	37	0.20964	73	822.9	40	8.337	122	0.35198	292
9300	0.19786	347	0.33255	36	0.21037	73	818.9	39	8.459	122	0.35490	291
9400	0.20133	350	0.33291	35	0.21110	72	815.0	39	8.581	123	0.35781	289
9500	0.20483	352	0.33326	35	0.21182	72	811.1	39	8.704	124	0.36070	287
9600	0.20835	356	0.33361	34	0.21254	72	807.2	39	8.828	124	0.36357	284
9700	0.21191	359	0.33395	33	0.21326	72	803.3	38	8.952	125	0.36641	283
9800	0.21550	361	0.33428	33	0.21398	71	799.5	38	9.077	126	0.36924	281
9900	0.21911	364	0.33461	33	0.21469	71	795.7	37	9.203	126	0.37205	280
10000	0.22275	367	0.33494	33	0.21540	70	792.0	37	9.329	127	0.37485	278

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TABLE II. *V=1,850 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.22275	367	0.33494	33	0.21540	70	792.0	37	9.329	127	0.37485	278
10100	0.22642	370	0.33527	33	0.21610	70	788.3	37	9.456	127	0.37763	277
10200	0.23012	374	0.33560	32	0.21680	70	784.6	37	9.583	128	0.38040	275
10300	0.23386	376	0.33592	31	0.21750	70	780.9	36	9.711	128	0.38315	274
10400	0.23762	379	0.33623	30	0.21820	70	777.3	37	9.839	129	0.38589	272
10500	0.24141	382	0.33653	30	0.21890	71	773.6	37	9.968	130	0.38861	271
10600	0.24523	385	0.33683	29	0.21961	70	769.9	37	10.098	130	0.39132	269
10700	0.24908	389	0.33712	28	0.22031	71	766.2	37	10.228	131	0.39401	267
10800	0.25297	391	0.33740	28	0.22102	71	762.5	37	10.359	132	0.39668	266
10900	0.25688	394	0.33768	27	0.22173	71	758.8	36	10.491	132	0.39934	264
11000	0.26082	397	0.33795	28	0.22244	70	755.2	35	10.623	133	0.40198	263
11100	0.26479	400	0.33823	29	0.22314	71	751.7	34	10.756	133	0.40461	262
11200	0.26879	403	0.33852	28	0.22385	71	748.3	34	10.889	134	0.40723	261
11300	0.27282	407	0.33880	28	0.22456	71	744.9	34	11.023	134	0.40984	260
11400	0.27689	410	0.33908	27	0.22527	71	741.5	34	11.157	135	0.41244	259
11500	0.28099	413	0.33935	28	0.22598	72	738.1	35	11.292	136	0.41503	257
11600	0.28512	416	0.33963	27	0.22670	72	734.6	34	11.428	137	0.41760	256
11700	0.28928	419	0.33990	28	0.22742	72	731.2	34	11.565	137	0.42016	255
11800	0.29347	422	0.34018	27	0.22814	72	727.8	34	11.702	138	0.42271	254
11900	0.29769	425	0.34045	27	0.22886	73	724.4	34	11.840	138	0.42525	252
12000	0.30194	428	0.34072	27	0.22959	73	721.0	33	11.978	139	0.42777	251
12100	0.30622	432	0.34099	27	0.23032	74	717.7	33	12.117	139	0.43028	250
12200	0.31054	435	0.34126	27	0.23106	74	714.4	33	12.256	140	0.43278	249
12300	0.31489	438	0.34153	27	0.23180	74	711.1	33	12.396	141	0.43527	248
12400	0.31927	441	0.34180	27	0.23254	75	707.8	33	12.537	142	0.43775	248
12500	0.32368	445	0.34207	27	0.23329	75	704.5	33	12.679	142	0.44023	247
12600	0.32813	448	0.34234	27	0.23404	76	701.2	33	12.821	143	0.44270	246
12700	0.33261	451	0.34261	27	0.23480	76	697.9	33	12.964	144	0.44516	245
12800	0.33712	455	0.34288	27	0.23556	76	694.6	33	13.108	144	0.44761	244
12900	0.34167	458	0.34315	27	0.23632	76	691.3	32	13.252	145	0.45005	243
13000	0.34625	461	0.34342	27	0.23708	77	688.1	32	13.397	146	0.45248	242
13100	0.35086	465	0.34369	27	0.23785	77	684.9	32	13.543	146	0.45490	241
13200	0.35551	468	0.34396	27	0.23862	77	681.7	32	13.689	147	0.45731	240
13300	0.36019	472	0.34423	27	0.23939	78	678.5	31	13.836	148	0.45971	240
13400	0.36491	475	0.34450	27	0.24017	78	675.4	31	13.984	148	0.46211	239
13500	0.36966	479	0.34477	27	0.24095	79	672.3	31	14.132	149	0.46450	238
13600	0.37445	482	0.34504	27	0.24174	79	669.2	32	14.281	150	0.46688	238
13700	0.37927	486	0.34531	27	0.24253	79	666.0	32	14.431	151	0.46926	237
13800	0.38413	489	0.34558	27	0.24332	80	662.8	31	14.582	151	0.47163	236
13900	0.38902	493	0.34585	27	0.24412	80	659.7	31	14.733	152	0.47399	235
14000	0.39395	496	0.34612	27	0.24492	81	656.6	30	14.885	153	0.47634	235
14100	0.39891	500	0.34639	27	0.24573	81	653.6	30	15.038	153	0.47869	234
14200	0.40391	503	0.24666	27	0.24654	82	650.6	30	15.191	154	0.48103	233
14300	0.40894	507	0.34693	27	0.24736	82	647.6	30	15.345	155	0.48336	233
14400	0.41401	511	0.34720	27	0.24818	82	644.6	30	15.500	156	0.48569	232
14500	0.41912	515	0.34747	27	0.24900	82	641.6	30	15.656	156	0.48801	232
14600	0.42427	518	0.34774	27	0.24962	83	638.6	30	15.812	157	0.49033	231
14700	0.42945	522	0.34801	27	0.25065	84	635.6	30	15.969	158	0.49264	230
14800	0.43467	526	0.34828	27	0.25149	83	632.6	30	16.127	158	0.49494	230
14900	0.43993	530	0.34855	28	0.25232	84	629.6	30	16.285	159	0.49724	229
15000	0.44523	533	0.34883	27	0.25316	84	626.6	29	16.444	160	0.49953	229

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TABLE II. $V=1{,}850$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.44523	533	0.34883	27	0.25316	84	626.6	29	16.444	160	0.49953	229
15100	0.45056	538	0.34910	27	0.25400	84	623.7	28	16.604	161	0.50182	228
15200	0.45594	542	0.34937	28	0.25484	84	620.9	29	16.765	161	0.50410	228
15300	0.46136	545	0.34965	28	0.25568	85	618.0	29	16.926	162	0.50638	227
15400	0.46681	549	0.34993	28	0.25653	85	615.1	29	17.088	163	0.50865	227
15500	0.47230	553	0.35021	28	0.25738	86	612.2	28	17.251	164	0.51092	226
15600	0.47783	557	0.35049	28	0.25824	86	609.4	28	17.415	165	0.51318	226
15700	0.48340	561	0.35077	28	0.25910	86	606.6	29	17.580	165	0.51544	226
15800	0.48901	566	0.35105	28	0.25996	86	603.7	29	17.745	166	0.51770	225
15900	0.49467	569	0.35133	28	0.26082	87	600.8	28	17.911	167	0.51995	224
16000	0.50036	573	0.35161	29	0.26169	87	598.0	28	18.078	168	0.52219	224
16100	0.50609	578	0.35190	29	0.26256	88	595.2	27	18.246	168	0.52443	224
16200	0.51187	582	0.35219	29	0.26344	88	592.5	27	18.414	169	0.52667	224
16300	0.51769	586	0.35248	29	0.26432	88	589.8	28	18.583	170	0.52891	223
16400	0.52355	590	0.35277	29	0.26520	88	587.0	27	18.753	171	0.53114	223
16500	0.52945	594	0.35306	29	0.26608	89	584.3	27	18.924	172	0.53337	222
16600	0.53539	599	0.35335	30	0.26697	89	581.6	27	19.096	172	0.53559	222
16700	0.54138	604	0.35365	30	0.26786	90	578.9	28	19.268	173	0.53781	222
16800	0.54742	607	0.35395	29	0.26876	90	576.1	27	19.441	174	0.54003	222
16900	0.55349	611	0.35424	30	0.26966	90	573.4	27	19.615	175	0.54225	221
17000	0.55960	616	0.35454	30	0.27056	90	570.7	27	19.790	176	0.54446	221
17100	0.56576	620	0.35484	30	0.27146	91	568.0	26	19.966	176	0.54667	220
17200	0.57196	625	0.35514	30	0.27237	91	565.4	26	20.142	177	0.54887	220
17300	0.57821	629	0.35544	30	0.27328	91	562.8	26	20.319	178	0.55107	220
17400	0.58450	634	0.35574	30	0.27419	92	560.2	26	20.497	179	0.55327	220
17500	0.59084	638	0.35604	30	0.27511	92	557.6	26	20.676	180	0.55547	219
17600	0.59722	643	0.35634	30	0.27603	92	555.0	26	20.856	181	0.55766	219
17700	0.60365	647	0.35664	30	0.27695	92	552.4	26	21.037	182	0.55985	219
17800	0.61012	652	0.35694	31	0.27787	92	549.8	26	21.219	182	0.56204	218
17900	0.61664	657	0.35725	31	0.27879	93	547.2	26	21.401	183	0.56422	218
18000	0.62321	662	0.35756	31	0.27972	93	544.6	25	21.584	184	0.56640	218
18100	0.62983	667	0.35787	30	0.28065	94	542.1	25	21.768	185	0.56858	218
18200	0.63649	671	0.35817	31	0.28159	94	539.6	25	21.953	186	0.57076	217
18300	0.64320	676	0.35848	31	0.28253	93	537.1	25	22.139	187	0.57293	217
18400	0.64996	681	0.35879	31	0.28346	94	534.6	25	22.326	187	0.57510	217
18500	0.65677	686	0.35910	31	0.28440	94	532.1	25	22.513	188	0.57727	218
18600	0.66363	691	0.35941	31	0.28534	95	529.6	25	22.701	189	0.57945	217
18700	0.67054	696	0.35972	31	0.28629	95	527.1	25	22.890	190	0.58162	216
18800	0.67750	701	0.36003	32	0.28724	95	524.6	25	23.080	191	0.58378	217
18900	0.68451	706	0.36035	32	0.28819	95	522.1	24	23.271	192	0.58595	216
19000	0.69156	711	0.36067	32	0.28914	95	519.7	24	23.463	193	0.58811	216
19100	0.69867	716	0.36099	31	0.29009	95	517.3	24	23.656	194	0.59027	216
19200	0.70583	721	0.36130	32	0.29104	96	514.9	23	23.850	195	0.59243	216
19300	0.71304	726	0.36162	32	0.29200	96	512.6	24	24.045	195	0.59459	216
19400	0.72030	732	0.36194	32	0.29296	96	510.2	24	24.240	196	0.59675	216
19500	0.72762	737	0.36226	32	0.29392	96	507.8	24	24.436	197	0.59891	215
19600	0.73499	742	0.36258	32	0.29488	96	505.4	23	24.633	199	0.60106	215
19700	0.74241	748	0.36290	32	0.29584	96	503.1	24	24.832	200	0.60321	215
19800	0.74989	753	0.36322	33	0.29680	97	500.7	23	25.032	200	0.60536	215
19900	0.75742	758	0.36355	33	0.29777	97	498.4	24	25.232	201	0.60751	215
20000	0.76500	763	0.36388	33	0.29874	97	496.0	23	25.433	202	0.60966	215

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TABLE II. $V=1{,}900$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	90	0.25000	136	0.00000	376	1900.0	247	0.000	53	0.00000	376
100	0.00090	91	0.25136	133	0.00376	377	1875.3	244	0.053	53	0.00376	378
200	0.00181	93	0.25269	130	0.00753	377	1850.9	242	0.106	55	0.00754	381
300	0.00274	95	0.25399	128	0.01130	377	1826.7	238	0.161	55	0.01135	383
400	0.00369	97	0.25527	126	0.01507	378	1802.9	235	0.216	56	0.01518	387
500	0.00466	98	0.25653	123	0.01885	378	1779.4	233	0.272	56	0.01905	388
600	0.00564	100	0.25776	120	0.02263	379	1756.1	230	0.328	57	0.02293	392
700	0.00664	102	0.25896	118	0.02642	379	1733.1	226	0.385	58	0.02685	394
800	0.00766	103	0.26014	116	0.03021	379	1710.5	224	0.443	59	0.03079	397
900	0.00869	105	0.26130	115	0.03400	381	1688.1	221	0.502	60	0.03476	399
1000	0.00974	107	0.26245	113	0.03781	382	1666.0	218	0.562	60	0.03875	401
1100	0.01081	109	0.26358	111	0.04163	383	1644.2	214	0.622	61	0.04276	402
1200	0.01190	112	0.26469	108	0.04546	383	1622.8	212	0.683	62	0.04678	404
1300	0.01302	113	0.26577	105	0.04929	383	1601.6	210	0.745	63	0.05082	404
1400	0.01415	115	0.26682	103	0.05312	382	1580.6	206	0.808	64	0.05486	405
1500	0.01530	118	0.26785	105	0.05694	382	1560.0	204	0.872	65	0.05891	407
1600	0.01648	119	0.26890	107	0.06076	381	1539.6	200	0.937	66	0.06298	408
1700	0.01767	122	0.26997	109	0.06457	381	1519.6	198	1.003	66	0.06706	410
1800	0.01889	124	0.27006	111	0.06838	381	1499.8	196	1.069	67	0.07116	410
1900	0.02013	126	0.27217	113	0.07219	383	1480.2	195	1.136	68	0.07526	411
2000	0.02139	128	0.27330	116	0.07602	384	1460.7	193	1.204	69	0.07937	413
2100	0.02267	130	0.27446	119	0.07986	384	1441.4	192	1.273	70	0.08350	416
2200	0.02397	133	0.27565	121	0.08370	382	1422.2	187	1.343	70	0.08766	418
2300	0.02530	136	0.27686	122	0.08752	378	1403.5	183	1.413	71	0.09184	420
2400	0.02666	139	0.27808	122	0.09130	376	1385.2	179	1.484	73	0.09604	422
2500	0.02805	141	0.27930	122	0.09506	374	1367.3	175	1.557	74	0.10026	425
2600	0.02946	144	0.28052	121	0.09880	371	1349.8	171	1.631	74	0.10451	426
2700	0.03090	146	0.28173	120	0.10251	369	1332.7	167	1.705	76	0.10877	429
2800	0.03236	149	0.28293	120	0.10620	366	1316.0	162	1.781	76	0.11306	432
2900	0.03385	152	0.28413	120	0.10986	364	1299.8	158	1.857	78	0.11738	433
3000	0.03537	154	0.28533	120	0.11350	361	1284.0	154	1.935	79	0.12171	434
3100	0.03691	157	0.28653	119	0.11711	355	1268.6	150	2.014	79	0.12605	434
3200	0.03848	160	0.28772	119	0.12066	348	1253.6	145	2.093	80	0.13039	435
3300	0.04008	163	0.28891	119	0.12414	341	1239.1	141	2.173	82	0.13474	435
3400	0.04171	166	0.29010	119	0.12755	334	1225.0	137	2.255	82	0.13909	436
3500	0.04337	169	0.29129	119	0.13089	328	1211.3	133	2.337	83	0.14345	436
3600	0.04506	173	0.29248	119	0.13417	321	1198.0	129	2.420	84	0.14781	437
3700	0.04679	175	0.29367	118	0.13738	314	1185.1	124	2.504	85	0.15218	437
3800	0.04854	178	0.29485	118	0.14052	306	1172.7	119	2.589	85	0.15655	437
3900	0.05032	182	0.29603	118	0.14358	297	1160.8	113	2.674	87	0.16092	438
4000	0.05214	184	0.29721	117	0.14655	284	1149.5	107	2.761	88	0.16530	438
4100	0.05398	187	0.29838	117	0.14939	270	1138.8	102	2.849	88	0.16968	437
4200	0.05585	191	0.29955	115	0.15209	261	1128.6	100	2.937	89	0.17405	434
4300	0.05776	193	0.30070	113	0.15470	252	1118.6	97	3.026	90	0.17839	432
4400	0.05969	197	0.30183	112	0.15722	243	1108.9	94	3.116	91	0.18271	430
4500	0.06166	199	0.30295	110	0.15965	237	1099.5	92	3.207	91	0.18701	428
4600	0.06365	203	0.30405	108	0.16202	229	1090.3	89	3.298	92	0.19129	426
4700	0.06568	206	0.30513	107	0.16431	221	1081.4	87	3.390	93	0.19555	423
4800	0.06774	208	0.30620	105	0.16652	213	1072.7	84	3.483	94	0.19978	422
4900	0.06982	212	0.30725	103	0.16865	203	1064.3	80	3.577	94	0.20400	419
5000	0.07194	215	0.30828	101	0.17068	194	1056.3	76	3.671	95	0.20819	416

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TABLE II. *V=1,900 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.07194	215	0.30828	101	0.17068	194	1056.3	76	3.671	95	0.20819	416
5100	0.07409	217	0.30929	99	0.17262	185	1048.7	73	3.766	96	0.21235	414
5200	0.07626	221	0.31028	96	0.17447	178	1041.4	71	3.862	97	0.21649	410
5300	0.07847	223	0.31124	95	0.17625	172	1034.3	71	3.959	97	0.22059	408
5400	0.08070	227	0.31219	93	0.17797	166	1027.2	70	4.056	98	0.22467	405
5500	0.08297	229	0.31312	90	0.17963	158	1020.2	68	4.154	98	0.22872	403
5600	0.08526	233	0.31402	89	0.18121	152	1013.4	68	4.252	99	0.23275	399
5700	0.08759	235	0.31491	86	0.18273	146	1006.6	67	4.351	100	0.23674	397
5800	0.08994	238	0.31577	85	0.18419	139	999.9	66	4.451	100	0.24071	395
5900	0.09232	242	0.31662	82	0.18558	132	993.3	63	4.551	101	0.24466	391
6000	0.09474	244	0.31744	78	0.18690	126	987.0	59	4.652	102	0.24857	387
6100	0.09718	248	0.31822	77	0.18816	122	981.1	57	4.754	102	0.25244	384
6200	0.09966	250	0.31899	74	0.18938	119	975.4	55	4.856	103	0.25628	381
6300	0.10216	253	0.31973	72	0.19057	115	969.9	55	4.959	103	0.26009	378
6400	0.10469	255	0.32045	71	0.19172	112	964.4	55	5.062	104	0.26387	376
6500	0.10724	259	0.32116	69	0.19284	107	958.9	55	5.166	105	0.26753	372
6600	0.10983	263	0.32185	67	0.19391	103	953.4	55	5.271	105	0.27135	369
6700	0.11245	264	0.32252	65	0.19494	99	947.9	53	5.376	106	0.27504	366
6800	0.11509	267	0.32317	63	0.19593	96	942.6	53	5.482	106	0.27870	363
6900	0.11776	270	0.32380	61	0.19688	93	937.3	53	5.588	107	0.28233	360
7000	0.12046	273	0.32441	60	0.19781	92	932.0	51	5.695	108	0.28593	357
7100	0.12319	275	0.32501	58	0.19873	91	926.9	51	5.803	108	0.28950	353
7200	0.12594	279	0.32559	57	0.19964	89	921.8	50	5.911	108	0.29303	351
7300	0.12873	281	0.32616	56	0.20053	88	916.8	49	6.019	109	0.29654	348
7400	0.13154	284	0.32672	54	0.20141	86	911.9	49	6.128	110	0.30002	346
7500	0.13438	287	0.32726	53	0.20227	84	907.0	49	6.238	111	0.30348	342
7600	0.13725	290	0.32779	52	0.20311	82	902.1	49	6.349	111	0.30690	340
7700	0.14015	292	0.32831	50	0.20393	81	897.2	48	6.460	112	0.31030	335
7800	0.14307	296	0.32881	49	0.20474	79	892.4	47	6.572	112	0.31365	334
7900	0.14603	298	0.32930	48	0.20553	78	887.7	47	6.684	113	0.31699	333
8000	0.14901	301	0.32978	46	0.20631	77	883.0	46	6.797	113	0.32032	329
8100	0.15202	304	0.33024	46	0.20708	77	878.4	45	6.910	114	0.32361	326
8200	0.15506	306	0.33070	45	0.20785	77	873.9	45	7.024	115	0.32687	324
8300	0.15812	309	0.33115	43	0.20862	76	869.4	45	7.139	115	0.33011	321
8400	0.16121	312	0.33158	43	0.20938	76	864.9	44	7.254	116	0.33332	320
8500	0.16433	315	0.33201	42	0.21014	75	860.5	44	7.370	117	0.33652	317
8600	0.16748	318	0.33243	41	0.21089	74	856.1	43	7.487	117	0.33969	315
8700	0.17066	321	0.33284	40	0.21163	73	851.8	43	7.604	116	0.34284	312
8800	0.17387	324	0.33324	39	0.21236	72	847.5	43	7.722	118	0.34596	310
8900	0.17711	327	0.33363	38	0.21308	72	843.2	42	7.840	119	0.34906	308
9000	0.18038	329	0.33401	38	0.21380	71	839.0	42	7.959	119	0.35214	306
9100	0.18367	332	0.33439	38	0.21451	71	834.8	41	8.078	120	0.35520	304
9200	0.18699	335	0.33477	37	0.21522	71	830.7	41	8.198	121	0.35824	302
9300	0.19034	338	0.33514	36	0.21593	70	826.6	40	8.319	121	0.36126	300
9400	0.19372	341	0.33550	36	0.21663	70	822.6	40	8.440	122	0.36426	298
9500	0.19713	344	0.33586	35	0.21733	70	818.6	40	8.562	123	0.36724	296
9600	0.20057	346	0.33621	35	0.21803	70	814.6	40	8.685	123	0.37020	294
9700	0.20403	350	0.33656	34	0.21873	69	810.6	39	8.808	124	0.37314	292
9800	0.20753	353	0.33690	34	0.21942	69	806.7	39	8.932	124	0.37606	290
9900	0.21106	355	0.33724	33	0.22011	69	802.8	38	9.056	125	0.37896	288
10000	0.21461	358	0.33757	33	0.22080	68	799.0	37	9.181	126	0.38184	287

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TABLE II. $V=1{,}900\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.21461	358	0.33757	33	0.22080	68	799.0	37	9.181	126	0.38184	287
10100	0.21819	360	0.33790	32	0.22148	68	795.3	37	9.307	126	0.38471	285
10200	0.22179	364	0.33822	32	0.22216	68	791.6	37	9.433	126	0.38756	284
10300	0.22543	367	0.33854	32	0.22284	68	787.9	36	9.559	127	0.39040	282
10400	0.22910	370	0.33886	31	0.22352	68	784.3	37	9.686	128	0.39322	281
10500	0.23280	373	0.33917	31	0.22420	67	780.6	36	9.814	128	0.39603	279
10600	0.23653	377	0.33948	30	0.22487	68	777.0	36	9.942	129	0.39882	277
10700	0.24030	380	0.33978	30	0.22555	68	773.4	36	10.071	130	0.40159	276
10800	0.24410	382	0.34008	30	0.22623	68	769.8	35	10.201	130	0.40435	274
10900	0.24792	386	0.34038	29	0.22691	68	766.3	35	10.331	131	0.40709	273
11000	0.25178	388	0.34067	29	0.22759	67	762.8	35	10.462	131	0.40982	271
11100	0.25566	391	0.34096	28	0.22826	68	759.3	36	10.593	132	0.41253	270
11200	0.25957	394	0.34124	29	0.22894	68	755.7	35	10.725	133	0.41523	269
11300	0.26351	398	0.34153	28	0.22962	68	752.2	35	10.858	133	0.41792	267
11400	0.26749	400	0.34181	27	0.23030	68	748.7	35	10.991	134	0.42059	266
11500	0.27149	403	0.34208	27	0.23098	68	745.2	35	11.125	134	0.42325	265
11600	0.27452	407	0.34235	27	0.23166	69	741.7	35	11.259	135	0.42590	263
11700	0.27959	410	0.34262	27	0.23235	69	738.2	34	11.394	136	0.42853	262
11800	0.28369	412	0.34289	26	0.23304	69	734.8	35	11.530	137	0.43115	261
11900	0.28781	416	0.34315	26	0.23373	69	731.3	34	11.667	137	0.43376	259
12000	0.29197	419	0.34341	26	0.23442	70	727.9	34	11.804	138	0.43635	258
12100	0.29616	422	0.34367	26	0.23512	70	724.5	34	11.942	138	0.43893	257
12200	0.30038	425	0.34393	26	0.23582	70	721.1	33	12.080	139	0.44150	256
12300	0.30463	429	0.34419	25	0.23652	71	717.8	34	12.219	139	0.44406	255
12400	0.30892	432	0.34444	26	0.23723	71	714.4	33	12.358	140	0.44661	254
12500	0.31324	435	0.34470	25	0.23794	71	711.1	33	12.498	141	0.44915	253
12600	0.31759	438	0.34495	26	0.23865	72	707.8	33	12.639	142	0.45168	252
12700	0.32197	441	0.34521	25	0.23937	72	704.5	33	12.781	142	0.45420	251
12800	0.32638	445	0.34546	25	0.24009	73	701.2	33	12.923	143	0.45671	250
12900	0.33083	448	0.34571	25	0.24082	73	697.9	32	13.066	144	0.45921	249
13000	0.33531	451	0.34596	25	0.24155	73	694.7	32	13.210	144	0.46170	248
13100	0.33982	455	0.34621	26	0.24228	74	691.5	33	13.354	145	0.46418	247
13200	0.34437	458	0.34647	25	0.24302	74	688.2	32	13.499	145	0.46665	247
13300	0.34895	462	0.34672	26	0.24376	74	685.0	32	13.644	147	0.46912	245
13400	0.35356	465	0.34698	26	0.24450	75	681.8	32	13.791	147	0.47157	245
13500	0.35822	469	0.34724	25	0.24525	75	678.6	32	13.938	147	0.47402	244
13600	0.36291	472	0.34749	26	0.24600	76	675.4	31	14.085	149	0.47646	242
13700	0.36763	476	0.34775	26	0.24676	76	672.3	31	14.234	149	0.47888	242
13800	0.37239	479	0.34801	26	0.24752	76	669.2	32	14.383	150	0.48130	242
13900	0.37718	482	0.34827	26	0.24828	77	666.0	31	14.533	150	0.48372	240
14000	0.38200	484	0.34853	26	0.24905	77	662.9	31	14.683	151	0.48612	239
14100	0.38686	489	0.34879	27	0.24982	78	659.8	31	14.834	152	0.48851	239
14200	0.39175	493	0.34906	26	0.25060	78	656.7	30	14.986	153	0.49090	238
14300	0.39668	497	0.34932	27	0.25138	79	653.7	30	15.139	153	0.49328	238
14400	0.40165	501	0.34959	27	0.25217	80	650.7	31	15.292	154	0.49566	237
14500	0.40666	503	0.34986	26	0.25297	79	647.6	30	15.446	155	0.49803	236
14600	0.41169	508	0.35012	27	0.25376	79	644.6	30	15.601	156	0.50039	236
14700	0.41677	511	0.35039	27	0.25455	80	641.6	30	15.757	156	0.50275	235
14800	0.42188	515	0.35066	27	0.25535	80	638.6	29	15.913	157	0.50510	235
14900	0.42703	518	0.35093	27	0.25615	81	635.7	30	16.070	158	0.50745	234
15000	0.43221	522	0.35120	27	0.25696	81	632.7	29	16.228	159	0.50979	233

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TABLE II. *V=1,900 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.43221	522	0.35120	27	0.25696	81	632.7	29	16.228	159	0.50979	233
15100	0.43743	527	0.35147	27	0.25777	82	629.8	30	16.387	159	0.51212	233
15200	0.44270	530	0.35174	27	0.25859	82	626.8	29	16.546	160	0.51445	232
15300	0.44800	534	0.35201	27	0.25941	82	623.9	29	16.706	161	0.51677	232
15400	0.45334	538	0.35228	27	0.26023	82	621.0	29	16.867	162	0.51909	232
15500	0.45872	542	0.35255	27	0.26105	83	618.1	29	17.029	162	0.52141	230
15600	0.46414	546	0.35282	28	0.26188	83	615.2	29	17.191	163	0.52371	230
15700	0.46960	550	0.35310	27	0.26271	84	612.3	28	17.354	163	0.52601	230
15800	0.47510	553	0.35337	27	0.26355	84	609.5	29	17.517	165	0.52831	229
15900	0.48063	558	0.35364	28	0.26439	84	606.6	28	17.682	165	0.53060	229
16000	0.48621	562	0.35392	27	0.26523	85	603.8	28	17.847	166	0.53289	228
16100	0.49183	565	0.35419	28	0.26608	85	601.0	28	18.013	167	0.53517	228
16200	0.49748	570	0.35447	28	0.26693	85	598.2	28	18.180	167	0.53745	227
16300	0.50318	574	0.35475	27	0.26778	85	595.4	28	18.347	168	0.53972	227
16400	0.50892	579	0.35502	28	0.26863	86	592.6	28	18.515	169	0.54199	227
16500	0.51471	582	0.35530	28	0.26949	86	589.8	27	18.684	170	0.54426	226
16600	0.52053	586	0.35558	28	0.27035	87	587.1	28	18.854	171	0.54652	226
16700	0.52639	591	0.35586	28	0.27122	87	584.3	27	19.025	172	0.54878	225
16800	0.53230	595	0.35614	28	0.27209	87	581.6	27	19.197	172	0.55103	225
16900	0.53825	599	0.35642	28	0.27296	87	578.9	27	19.369	173	0.55328	225
17000	0.54424	603	0.35670	28	0.27383	88	576.2	27	19.542	174	0.55553	224
17100	0.55027	608	0.35698	28	0.27471	88	573.5	27	19.716	174	0.55777	224
17200	0.55635	612	0.35726	29	0.27559	88	570.8	26	19.890	176	0.56001	223
17300	0.56247	617	0.35755	28	0.27647	89	568.2	27	20.066	176	0.56224	224
17400	0.56864	621	0.35783	29	0.27736	89	565.5	26	20.242	178	0.56448	223
17500	0.57485	626	0.35812	28	0.27825	89	562.9	27	20.420	177	0.56671	222
17600	0.58111	630	0.35840	29	0.27914	89	560.2	26	20.597	179	0.56893	223
17700	0.58741	635	0.35869	29	0.28003	90	557.6	25	20.776	180	0.57116	222
17800	0.59376	639	0.35898	29	0.28093	90	555.1	26	20.956	181	0.57338	222
17900	0.60015	644	0.35827	29	0.28183	90	552.5	26	21.137	181	0.57560	222
18000	0.60659	649	0.35956	29	0.28273	90	549.9	26	21.318	182	0.57782	221
18100	0.61308	653	0.35985	30	0.28363	91	547.3	25	21.500	183	0.58003	221
18200	0.61961	658	0.36015	30	0.28454	91	544.8	26	21.683	184	0.58224	221
18300	0.62619	663	0.36045	29	0.28545	91	542.2	25	21.867	185	0.58445	221
18400	0.63282	668	0.36074	30	0.28636	91	539.7	26	22.052	186	0.58666	220
18500	0.63950	673	0.36104	30	0.28727	92	537.2	25	22.238	186	0.58886	220
18600	0.64623	677	0.36134	31	0.28819	92	534.6	25	22.424	188	0.59106	220
18700	0.65300	682	0.36165	30	0.28911	92	532.1	24	22.612	188	0.59326	220
18800	0.65982	687	0.36195	30	0.29003	92	529.7	25	22.800	190	0.59546	220
18900	0.66669	692	0.36225	31	0.29095	93	527.2	25	22.990	190	0.59766	219
19000	0.67361	696	0.36256	31	0.29188	93	524.7	24	23.180	191	0.59985	219
19100	0.68057	702	0.36287	31	0.29281	93	522.3	25	23.371	192	0.60204	218
19200	0.68759	707	0.36318	31	0.29374	94	519.8	24	23.563	192	0.60422	218
19300	0.69466	712	0.36349	31	0.29468	93	517.4	24	23.755	194	0.60640	218
19400	0.70178	717	0.36380	31	0.29561	94	515.0	24	23.949	195	0.60858	219
19500	0.70895	722	0.36411	31	0.29655	94	512.6	24	24.144	195	0.61077	218
19600	0.71617	727	0.36442	32	0.29749	94	510.2	24	24.339	197	0.61295	217
19700	0.72344	733	0.36474	32	0.29843	95	507.8	24	24.536	197	0.61512	218
19800	0.73077	737	0.36506	31	0.29938	94	505.4	23	24.733	199	0.61730	218
19900	0.73814	743	0.36537	32	0.30032	95	503.1	23	24.932	199	0.61948	217
20000	0.74557	748	0.36569	32	0.30127	95	500.8	23	25.131	199	0.62165	217

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TABLE II. $V=1{,}950\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	85	0.25000	129	0.00000	380	1950.0	250	0.000	52	0.00000	368
100	0.00085	87	0.25129	128	0.00380	380	1925.0	250	0.052	53	0.00368	372
200	0.00172	88	0.25257	127	0.00760	380	1900.0	250	0.105	53	0.00740	376
300	0.00260	90	0.25384	125	0.01140	380	1875.0	246	0.158	54	0.01116	378
400	0.00350	92	0.25509	124	0.01520	380	1850.4	242	0.212	54	0.01494	382
500	0.00442	93	0.25633	122	0.01900	380	1826.2	238	0.266	55	0.01876	386
600	0.00535	95	0.25755	119	0.02280	379	1802.4	234	0.321	56	0.02262	390
700	0.00630	96	0.25874	117	0.02659	378	1779.0	230	0.377	56	0.02652	394
800	0.00726	98	0.25991	115	0.03037	377	1756.0	227	0.433	57	0.03046	396
900	0.00824	100	0.26106	114	0.03414	376	1733.3	223	0.490	58	0.03442	400
1000	0.00924	102	0.26220	113	0.03790	376	1711.0	221	0.548	59	0.03842	402
1100	0.01026	104	0.26333	111	0.04166	377	1688.9	219	0.607	59	0.04244	403
1200	0.01130	105	0.26444	109	0.04543	378	1667.0	217	0.666	60	0.04647	403
1300	0.01235	108	0.26553	108	0.04921	379	1645.3	214	0.726	61	0.05050	405
1400	0.01343	109	0.26661	108	0.05300	380	1623.9	211	0.787	62	0.05455	405
1500	0.01452	112	0.26769	107	0.05680	381	1602.8	209	0.849	63	0.05860	406
1600	0.01564	113	0.26876	107	0.06061	382	1581.9	207	0.912	64	0.06266	406
1700	0.01677	116	0.26983	108	0.06443	384	1561.2	206	0.976	65	0.06672	408
1800	0.01793	117	0.27091	111	0.06827	383	1540.6	204	1.041	65	0.07080	410
1900	0.01910	119	0.27102	113	0.07210	380	1520.2	202	1.106	66	0.07490	410
2000	0.02029	122	0.27315	116	0.07590	379	1500.0	200	1.172	67	0.07900	412
2100	0.02151	124	0.27431	119	0.07969	379	1480.0	196	1.239	69	0.08312	415
2200	0.02275	126	0.27550	120	0.08348	379	1460.4	192	1.308	69	0.08727	417
2300	0.02401	129	0.27670	121	0.08727	379	1441.2	188	1.377	70	0.09144	419
2400	0.02530	131	0.27791	122	0.09106	380	1422.4	184	1.447	71	0.09563	422
2500	0.02661	134	0.27913	122	0.09486	379	1404.0	181	1.518	72	0.09985	425
2600	0.02795	137	0.28035	122	0.09865	379	1385.9	179	1.590	72	0.10410	427
2700	0.02932	138	0.28157	121	0.10244	379	1368.0	177	1.662	74	0.10837	429
2800	0.03070	141	0.28278	121	0.10623	378	1350.3	173	1.736	75	0.11266	432
2900	0.03211	144	0.28399	121	0.11001	379	1333.0	170	1.811	75	0.11698	434
3000	0.03355	146	0.28520	120	0.11380	376	1316.0	168	1.886	76	0.12132	435
3100	0.03501	149	0.28640	120	0.11756	369	1299.2	164	1.962	77	0.12567	436
3200	0.03650	153	0.28760	119	0.12125	362	1282.8	161	2.039	79	0.13003	437
3300	0.03803	154	0.28879	119	0.12487	355	1266.7	156	2.118	79	0.13440	438
3400	0.03957	158	0.28998	118	0.12842	347	1251.1	152	2.197	80	0.13878	438
3500	0.04115	161	0.29116	118	0.13189	339	1235.9	145	2.277	81	0.14316	439
3600	0.04276	164	0.29234	117	0.13528	331	1221.4	133	2.358	82	0.14755	440
3700	0.04440	167	0.29351	117	0.13859	324	1208.1	127	2.440	83	0.15195	441
3800	0.04607	170	0.29468	117	0.14183	317	1195.4	120	2.523	84	0.15636	442
3900	0.04777	172	0.29584	117	0.14500	310	1183.4	114	2.607	85	0.16078	443
4000	0.04949	175	0.29700	116	0.14810	303	1172.0	110	2.692	86	0.16521	443
4100	0.05124	179	0.29815	116	0.15113	294	1161.0	108	2.778	86	0.16964	442
4200	0.05303	182	0.29930	116	0.15407	286	1150.2	105	2.864	88	0.17406	440
4300	0.05485	184	0.30045	116	0.15693	277	1139.7	104	2.952	88	0.17846	439
4400	0.05669	188	0.30160	116	0.15970	267	1129.3	101	3.040	89	0.18285	438
4500	0.05857	191	0.30276	115	0.16237	257	1119.2	99	3.129	90	0.18723	436
4600	0.06048	193	0.30392	115	0.16494	246	1109.3	96	3.219	90	0.19159	434
4700	0.06241	197	0.30508	115	0.16740	236	1099.7	95	3.309	92	0.19593	434
4800	0.06438	200	0.30624	115	0.16976	226	1090.2	92	3.401	92	0.20027	432
4900	0.06638	203	0.30740	115	0.17202	218	1081.0	90	3.493	93	0.20459	431
5000	0.06841	206	0.30856	115	0.17420	209	1072.0	87	3.586	94	0.20890	428

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TABLE II. *V=1,950 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.06841	206	0.30856	116	0.17420	209	1072.0	87	3.586	94	0.20890	428
5100	0.07047	209	0.30972	112	0.17629	200	1063.3	84	3.680	95	0.21318	425
5200	0.07256	212	0.31084	109	0.17829	193	1054.9	81	3.775	95	0.21743	422
5300	0.07468	215	0.31193	106	0.18022	185	1046.8	77	3.870	96	0.22165	420
5400	0.07683	218	0.31299	103	0.18207	178	1039.1	75	3.966	96	0.22585	417
5500	0.07901	220	0.31402	100	0.18385	171	1031.6	71	4.062	97	0.23002	415
5600	0.08121	224	0.31502	97	0.18556	164	1024.5	69	4.159	98	0.23417	412
5700	0.08345	227	0.31599	94	0.18720	157	1017.6	65	4.257	98	0.23829	409
5800	0.08572	229	0.31693	91	0.18877	150	1011.1	62	4.355	99	0.24238	406
5900	0.08801	233	0.31784	87	0.19027	143	1004.9	59	4.454	100	0.24644	404
6000	0.09034	235	0.31871	84	0.19170	136	999.0	57	4.554	100	0.25048	400
6100	0.09269	239	0.31955	82	0.19306	131	993.3	57	4.654	101	0.25448	397
6200	0.09508	241	0.32037	80	0.19437	127	987.6	57	4.755	102	0.25845	393
6300	0.09749	244	0.32117	78	0.19564	123	981.9	56	4.857	102	0.26238	391
6400	0.09993	247	0.32195	76	0.19687	119	976.3	56	4.959	103	0.26629	387
6500	0.10240	250	0.32271	73	0.19806	115	970.7	56	5.062	103	0.27016	384
6600	0.10490	253	0.32344	71	0.19921	110	965.1	56	5.165	104	0.27400	381
6700	0.10743	256	0.32415	69	0.20031	106	959.5	55	5.269	105	0.27781	378
6800	0.10999	259	0.32484	67	0.20137	103	954.0	55	5.374	105	0.28159	375
6900	0.11258	261	0.32551	65	0.20240	100	948.5	55	5.479	106	0.28534	372
7000	0.11519	264	0.32616	65	0.20340	98	943.0	55	5.585	106	0.28906	369
7100	0.11783	267	0.32681	63	0.20438	94	937.5	55	5.691	107	0.29275	366
7200	0.12050	270	0.32744	62	0.20532	91	932.0	53	5.798	108	0.29641	363
7300	0.12320	273	0.32806	60	0.20623	90	926.7	52	5.906	108	0.30004	360
7400	0.12593	276	0.32866	59	0.20713	87	921.5	50	6.014	109	0.30364	358
7500	0.12869	278	0.32925	57	0.20800	86	916.5	49	6.123	109	0.30722	354
7600	0.13147	281	0.32982	56	0.20886	84	911.6	49	6.232	110	0.31076	352
7700	0.13428	284	0.33038	54	0.20970	81	906.7	47	6.342	111	0.31428	349
7800	0.13712	287	0.33092	53	0.21051	80	902.0	46	6.453	111	0.31777	346
7900	0.13999	290	0.33145	51	0.21131	79	897.5	46	6.564	112	0.32123	343
8000	0.14289	293	0.33196	50	0.21210	78	893.0	46	6.676	112	0.32466	340
8100	0.14582	295	0.33246	49	0.21288	79	888.3	46	6.788	113	0.32806	338
8200	0.14877	298	0.33295	47	0.21367	76	883.6	46	6.901	114	0.33144	335
8300	0.15175	301	0.33342	47	0.21443	74	879.0	46	7.015	114	0.33479	333
8400	0.15476	304	0.33389	46	0.21517	72	874.4	45	7.129	115	0.33812	331
8500	0.15780	307	0.33435	44	0.21589	71	869.9	45	7.244	115	0.34143	328
8600	0.16087	309	0.33479	43	0.21660	70	865.4	44	7.359	116	0.34471	325
8700	0.16396	312	0.33522	42	0.21730	70	861.0	44	7.475	116	0.34796	323
8800	0 16708	315	0.33564	41	0.21800	70	856.6	43	7.591	117	0.35119	321
8900	0.17023	318	0.33605	40	0.21870	70	852.3	43	7.708	118	0.35440	318
9000	0.17341	321	0.33645	39	0.21940	69	848.0	43	7.826	118	0.35758	316
9100	0.17662	324	0.33684	39	0.22009	69	843.7	42	7.944	119	0.36074	314
9200	0.17986	326	0.33723	38	0.22078	68	839.5	42	8.063	120	0.36388	311
9300	0.18312	329	0.33761	37	0.22146	68	835.3	42	8.183	120	0.36699	310
9400	0.18641	332	0.33798	36	0.22214	68	831.1	41	8.303	121	0.37009	307
9500	0.18973	335	0.33834	35	0.22282	68	827.0	41	8.424	122	0.37316	306
9600	0.19308	338	0.33869	35	0.22350	68	822.9	40	8.546	122	0.37622	304
9700	0.19646	341	0.33904	34	0.22418	68	818.9	40	8.668	123	0.37926	301
9800	0.19987	344	0.33938	33	0.22486	67	814.9	40	8.791	124	0.38227	299
9900	0.20331	346	0.33971	33	0.22553	67	810.9	39	8.915	124	0.38526	298
10000	0.20677	349	0.34004	32	0.22620	66	807.0	39	9.039	125	0.38824	296

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TABLE II. $V=1{,}950\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.20677	349	0.34004	32	0.22620	66	807.0	39	9.039	125	0.38824	296
10100	0.21026	353	0.34036	32	0.22686	66	803.1	39	9.164	125	0.39120	294
10200	0.21379	356	0.34068	31	0.22752	66	799.2	38	9.289	125	0.39414	293
10300	0.21735	359	0.34099	31	0.22818	66	795.4	37	9.414	125	0.39707	291
10400	0.22094	362	0.34130	30	0.22884	66	791.7	37	9.539	126	0.39998	289
10500	0.22456	364	0.34160	30	0.22950	65	788.0	37	9.665	127	0.40287	287
10600	0.22820	367	0.34190	29	0.23015	66	784.3	36	9.792	127	0.40574	286
10700	0.23187	370	0.34219	29	0.23081	65	780.7	36	9.919	128	0.40860	284
10800	0.23557	373	0.34248	29	0.23146	65	777.1	36	10.047	128	0.41144	282
10900	0.23930	376	0.34277	28	0.23211	65	773.5	35	10.175	129	0.41426	281
11000	0.24306	379	0.34305	29	0.23276	65	770.0	36	10.304	130	0.41707	279
11100	0.24685	382	0.34334	29	0.23341	65	766.4	36	10.434	131	0.41986	277
11200	0.25067	385	0.34363	29	0.23406	65	762.8	35	10.565	131	0.42263	276
11300	0.25452	388	0.34392	29	0.23471	65	759.3	36	10.696	132	0.42539	274
11400	0.25840	391	0.34421	28	0.23536	66	755.7	35	10.828	132	0.42813	273
11500	0.26231	394	0.34449	28	0.23602	65	752.2	35	10.960	133	0.43086	272
11600	0.26625	397	0.34477	29	0.23667	66	748.7	35	11.093	134	0.43358	271
11700	0.27022	400	0.34506	28	0.23733	65	745.2	35	11.227	135	0.43629	269
11800	0.27422	404	0.34534	27	0.23798	66	741.7	35	11.362	135	0.43898	267
11900	0.27826	406	0.34561	28	0.23864	66	738.2	34	11.497	136	0.44165	266
12000	0.28232	410	0.34589	27	0.23930	67	734.8	34	11.633	136	0.44431	265
12100	0.28642	412	0.34616	27	0.23997	66	731.4	34	11.769	137	0.44696	264
12200	0.29054	415	0.34643	27	0.24063	67	728.0	34	11.906	138	0.44960	263
12300	0.29469	420	0.34670	27	0.24130	68	724.6	34	12.044	138	0.45223	262
12400	0.29889	423	0.34697	26	0.24198	68	721.2	33	12.182	139	0.45485	261
12500	0.30312	426	0.34723	27	0.24266	68	717.9	34	12.321	140	0.45746	260
12600	0.30738	429	0.34750	26	0.24334	68	714.5	33	12.461	140	0.46006	259
12700	0.31167	432	0.34776	26	0.24402	69	711.2	33	12.601	141	0.46265	257
12800	0.31599	435	0.34802	26	0.24471	69	707.9	33	12.742	142	0.46522	256
12900	0.32034	439	0.34828	26	0.24540	69	704.6	33	12.884	142	0.46778	255
13000	0.32473	442	0.34854	26	0.24609	70	701.3	33	13.026	143	0.47033	254
13100	0.32915	445	0.34880	25	0.24679	70	698.0	32	13.169	143	0.47287	253
13200	0.33360	448	0.34905	26	0.24749	71	694.8	33	13.312	144	0.47540	252
13300	0.33808	452	0.34931	25	0.24820	71	691.5	32	13.456	145	0.47792	252
13400	0.34260	456	0.34956	26	0.24891	72	688.3	32	13.601	146	0.48044	251
13500	0.34716	458	0.34982	25	0.24963	72	685.1	32	13.747	146	0.48295	249
13600	0.35174	462	0.35007	25	0.25035	72	681.9	32	13.893	147	0.48544	249
13700	0.35636	466	0.35032	26	0.25107	72	678.7	32	14.040	148	0.48793	247
13800	0.36102	469	0.35058	25	0.25179	73	675.5	31	14.188	149	0.49040	247
13900	0.36571	472	0.35083	25	0.25252	74	672.4	32	14.337	149	0.49287	246
14000	0.37043	476	0.35108	25	0.25326	74	669.2	31	14.486	150	0.49533	245
14100	0.37519	479	0.35133	25	0.25400	74	666.1	31	14.636	151	0.49778	245
14200	0.37998	483	0.35158	25	0.25474	75	663.0	31	14.787	151	0.50023	244
14300	0.38481	487	0.35183	25	0.25549	75	659.9	31	14.938	152	0.50267	243
14400	0.38968	491	0.35208	25	0.25625	75	656.8	31	15.090	153	0.50510	242
14500	0.39459	493	0.35133	25	0.25700	76	653.7	30	15.243	153	0.50752	241
14600	0.39952	498	0.35158	25	0.25775	77	650.7	31	15.396	154	0.50993	241
14700	0.40450	500	0.35183	25	0.25852	76	647.6	30	15.550	155	0.51234	240
14800	0.40950	504	0.35308	25	0.25928	77	644.6	30	15.705	156	0.51474	239
14900	0.41454	508	0.35333	25	0.26005	78	641.6	30	15.861	156	0.51713	239
15000	0.41962	512	0.35358	25	0.26083	78	638.6	29	16.017	157	0.51952	238

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TABLE II. $V=1{,}950$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.41962	512	0.35358	25	0.26083	78	638.6	29	16.017	157	0.51952	238
15100	0.42474	516	0.35383	26	0.26161	78	635.7	30	16.174	157	0.52190	237
15200	0.42990	520	0.35409	26	0.26239	79	632.7	30	16.331	159	0.52427	237
15300	0.43510	523	0.35435	25	0.26318	79	629.7	29	16.490	159	0.52664	236
15400	0.44033	528	0.35460	26	0.26397	79	626.8	29	16.649	160	0.52900	235
15500	0.44561	530	0.35486	26	0.26476	80	623.9	29	16.809	160	0.53135	235
15600	0.45091	534	0.35512	26	0.26556	80	621.0	29	16.969	161	0.53370	235
15700	0.45625	538	0.35538	26	0.26636	81	618.1	29	17.130	162	0.53605	234
15800	0.46163	543	0.35564	27	0.26717	81	615.2	29	17.292	163	0.53839	233
15900	0.46706	546	0.35591	26	0.26798	82	612.3	28	17.455	164	0.54072	233
16000	0.47252	550	0.35617	26	0.26880	82	609.5	29	17.619	164	0.54305	232
16100	0.47802	555	0.35643	27	0.26962	82	606.6	29	17.783	165	0.54537	232
16200	0.48357	558	0.35670	27	0.27044	83	603.7	28	17.948	166	0.54769	231
16300	0.48915	562	0.35697	26	0.27127	82	600.9	27	18.114	167	0.55000	231
16400	0.49477	567	0.35723	27	0.27209	83	598.2	28	18.281	167	0.55231	231
16500	0.50044	571	0.35750	27	0.27292	84	595.4	28	18.448	168	0.55462	230
16600	0.50615	575	0.35777	27	0.27376	84	592.6	27	18.616	170	0.55692	229
16700	0.51190	579	0.35804	27	0.27460	85	589.9	28	18.786	170	0.55921	229
16800	0.51769	583	0.35831	28	0.27545	84	587.1	28	18.956	170	0.56150	229
16900	0.52352	587	0.35859	27	0.27629	85	584.3	27	19.126	172	0.56379	228
17000	0.52939	591	0.35886	27	0.27714	85	581.6	27	19.298	172	0.56607	228
17100	0.53530	596	0.35913	28	0.27799	85	578.9	27	19.470	174	0.56835	228
17200	0.54126	600	0.35941	27	0.27884	86	576.2	27	19.644	174	0.57063	227
17300	0.54726	605	0.35968	28	0.27970	86	573.5	27	19.818	174	0.57290	227
17400	0.55331	609	0.35996	28	0.28056	86	570.8	26	19.992	176	0.57517	227
17500	0.55940	613	0.36024	27	0.28142	87	568.2	27	20.168	177	0.57744	226
17600	0.56553	618	0.36051	28	0.28229	87	565.5	26	20.345	177	0.57970	226
17700	0.57171	622	0.36079	29	0.28316	87	562.9	26	20.522	178	0.58196	225
17800	0.57793	627	0.36108	28	0.28403	88	560.3	26	20.700	179	0.58421	225
17900	0.58420	631	0.36136	28	0.28491	88	557.7	26	20.879	180	0.58646	225
18000	0.59051	636	0.36164	29	0.28579	88	555.1	26	21.059	180	0.58871	225
18100	0.59687	640	0.36193	28	0.28667	88	552.5	26	21.239	182	0.59096	224
18200	0.60327	645	0.36221	29	0.28755	89	549.9	25	21.421	182	0.59320	224
18300	0.60972	650	0.36250	29	0.28844	89	547.4	26	21.603	183	0.59544	224
18400	0.61622	654	0.36279	29	0.28933	89	544.8	25	21.786	184	0.59768	223
18500	0.62276	659	0.36308	29	0.29022	89	542.3	26	21.970	184	0.59991	223
18600	0.62935	665	0.36337	29	0.29111	90	539.7	25	22.154	186	0.60214	223
18700	0.63600	668	0.36366	29	0.29201	90	537.2	25	22.340	187	0.60437	223
18800	0.64268	674	0.36395	30	0.29291	90	534.7	25	22.527	188	0.60660	222
18900	0.64942	678	0.36425	29	0.29381	90	532.2	25	22.715	188	0.60882	222
19000	0.65620	683	0.36454	30	0.29471	91	529.7	25	22.903	189	0.61104	222
19100	0.66303	688	0.36484	30	0.29562	91	527.2	24	23.092	190	0.61326	221
19200	0.66991	693	0.36514	30	0.29653	91	524.8	25	23.282	191	0.61547	222
19300	0.67684	698	0.36544	30	0.29744	91	522.3	24	23.473	192	0.61669	221
19400	0.68382	704	0.36574	30	0.29835	92	519.9	24	23.665	193	0.61990	221
19500	0.69086	708	0.36604	30	0.29927	92	517.5	25	23.858	194	0.62211	221
19600	0.69794	714	0.36634	31	0.30019	92	515.0	24	24.052	195	0.62432	220
19700	0.70508	719	0.36665	31	0.30111	92	512.6	23	24.247	195	0.62652	221
19800	0.71227	723	0.36696	30	0.30203	92	510.3	24	24.442	197	0.62873	220
19900	0.71950	729	0.36726	31	0.30295	93	507.9	24	24.639	197	0.63093	220
20000	0.72679	734	0.36757	31	0.30388	92	505.5	23	24.836	198	0.63313	220

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TABLE II. $V=2{,}000$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	81	0.25000	126	0.00000	370	2000.0	257	0.000	51	0.00000	373
100	0.00081	82	0.25126	125	0.00370	370	1974.3	253	0.051	52	0.00373	375
200	0.00163	84	0.25251	124	0.00740	371	1949.0	251	0.103	53	0.00748	377
300	0.00247	86	0.25375	123	0.01111	372	1923.9	249	0.156	53	0.01125	379
400	0.00333	87	0.25498	122	0.01483	374	1899.0	245	0.209	53	0.01504	381
500	0.00420	89	0.25620	121	0.01857	376	1874.5	243	0.262	54	0.01885	383
600	0.00509	90	0.25741	119	0.02233	378	1850.2	240	0.316	55	0.02268	385
700	0.00599	91	0.25860	117	0.02611	379	1826.2	237	0.371	55	0.02653	388
800	0.00690	93	0.25977	115	0.02990	380	1802.5	234	0.426	56	0.03041	390
900	0.00783	95	0.26092	113	0.03370	380	1779.1	231	0.482	56	0.03431	392
1000	0.00878	96	0.26205	112	0.03750	380	1756.0	228	0.538	57	0.03823	394
1100	0.00974	99	0.26317	110	0.04130	380	1733.2	225	0.595	57	0.04217	397
1200	0.01073	100	0.26427	108	0.04510	380	1710.7	223	0.652	58	0.04614	399
1300	0.01173	102	0.26535	107	0.04890	381	1688.4	220	0.710	59	0.05013	400
1400	0.01275	104	0.26642	107	0.05271	382	1666.4	217	0.769	60	0.05413	403
1500	0.01379	106	0.26749	106	0.05653	383	1644.6	215	0.829	61	0.05816	405
1600	0.01485	107	0.26855	106	0.06036	384	1623.1	211	0.890	62	0.06221	407
1700	0.01592	110	0.26961	107	0.06420	386	1602.0	210	0.952	62	0.06628	408
1800	0.01702	112	0.27068	110	0.06806	387	1581.0	206	1.014	63	0.07036	410
1900	0.01814	113	0.27178	112	0.07193	387	1560.4	204	1.077	65	0.07446	413
2000	0.01927	115	0.27290	115	0.07580	386	1540.0	203	1.142	65	0.07859	416
2100	0.02042	118	0.27305	118	0.07966	385	1519.7	201	1.207	66	0.08275	417
2200	0.02160	120	0.27423	120	0.08351	383	1499.6	198	1.273	67	0.08692	419
2300	0.02280	122	0.27543	121	0.08734	381	1479.8	194	1.340	68	0.09111	420
2400	0.02402	125	0.27664	122	0.09115	379	1460.4	192	1.408	69	0.09531	422
2500	0.02527	127	0.27786	123	0.09494	377	1441.2	188	1.477	70	0.09953	424
2600	0.02654	129	0.27909	124	0.09871	375	1422.4	185	1.547	71	0.10377	425
2700	0.02783	132	0.28033	124	0.10246	373	1403.9	183	1.618	71	0.10802	427
2800	0.02915	134	0.28157	124	0.10619	371	1385.6	180	1.689	73	0.11229	428
2900	0.03049	137	0.28281	124	0.10990	370	1367.6	178	1.762	74	0.11657	430
3000	0.03186	140	0.28505	123	0.11360	369	1359.8	174	1.836	75	0.12087	434
3100	0.03326	142	0.28628	123	0.11729	367	1332.4	170	1.911	75	0.12521	435
3200	0.03468	145	0.28751	122	0.12096	365	1315.4	166	1.986	77	0.12956	437
3300	0.03613	148	0.28873	122	0.12461	363	1298.8	162	2.063	77	0.13393	438
3400	0.03761	150	0.28995	122	0.12824	360	1282.6	156	2.140	79	0.13831	439
3500	0.03911	153	0.29117	122	0.13184	356	1267.0	152	2.219	79	0.14270	441
3600	0.04064	155	0.29239	121	0.13540	352	1251.8	146	2.298	80	0.14711	442
3700	0.04219	158	0.29360	121	0.13892	348	1237.2	142	2.378	81	0.15153	443
3800	0.04377	161	0.29481	121	0.14240	343	1223.0	137	2.459	83	0.15596	445
3900	0.04538	163	0.29602	121	0.14587	337	1209.3	131	2.542	83	0.16041	446
4000	0.04701	167	0.29723	121	0.14920	329	1196.2	125	2.625	84	0.16487	448
4100	0.04868	170	0.29844	121	0.15249	318	1183.7	121	2.709	85	0.16935	448
4200	0.05038	174	0.29965	121	0.15567	307	1171.6	117	2.794	86	0.17383	447
4300	0.05212	176	0.30086	121	0.15874	296	1159.9	113	2.880	87	0.17830	446
4400	0.05388	179	0.30207	121	0.16170	284	1148.6	109	2.967	87	0.18276	444
4500	0.05567	182	0.30328	120	0.16451	272	1137.7	105	3.054	88	0.18720	442
4600	0.05749	185	0.30448	120	0.16726	262	1127.2	101	3.142	89	0.19162	442
4700	0.05934	189	0.30568	120	0.16988	253	1117.1	97	3.231	90	0.19604	441
4800	0.06123	191	0.30688	117	0.17241	244	1107.4	93	3.321	91	0.20045	439
4900	0.06314	194	0.30805	114	0.17485	235	1098.1	91	3.412	91	0.20484	438
5000	0.06508	197	0.30919	111	0.17720	228	1089.0	88	3.503	92	0.20922	437

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TABLE II. $V=2{,}000$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.06508	197	0.30919	111	0.17720	228	1089.0	88	3.503	92	0.20922	437
5100	0.06705	200	0.31030	111	0.17948	219	1080.2	85	3.595	93	0.21359	435
5200	0.06905	204	0.31141	109	0.18167	210	1071.7	83	3.688	94	0.21794	432
5300	0.07109	206	0.31250	107	0.18377	201	1063.4	81	3.782	94	0.22226	430
5400	0.07315	209	0.31357	105	0.18578	193	1055.3	78	3.876	95	0.22656	428
5500	0.07524	212	0.31462	104	0.18771	185	1047.5	76	3.971	96	0.23084	425
5600	0.07736	215	0.31566	103	0.18956	177	1039.9	73	4.067	97	0.23509	422
5700	0.07951	219	0.31669	102	0.19133	169	1032.6	71	4.164	97	0.23931	421
5800	0.08170	221	0.31771	99	0.19302	162	1025.5	69	4.261	98	0.24552	418
5900	0.08391	224	0.31870	96	0.19464	156	1018.6	66	4.359	98	0.24770	415
6000	0.08615	227	0.31966	90	0.19620	150	1012.0	65	4.457	99	0.25185	412
6100	0.08842	231	0.32056	85	0.19770	143	1005.5	63	4.556	100	0.25597	408
6200	0.09073	233	0.32141	82	0.19913	138	999.2	62	4.656	100	0.26005	404
6300	0.09306	236	0.32223	80	0.20051	132	993.0	61	4.756	101	0.26411	402
6400	0.09542	239	0.32303	79	0.20183	128	986.9	60	4.857	102	0.26813	400
6500	0.09781	241	0.32382	78	0.20311	123	980.9	58	4.959	102	0.27213	397
6600	0.10022	244	0.32460	77	0.20434	119	975.1	57	5.061	103	0.27609	394
6700	0.10266	247	0.32537	76	0.20553	114	969.4	56	5.164	103	0.28003	391
6800	0.10513	250	0.32613	73	0.20667	109	963.8	55	5.267	104	0.28394	387
6900	0.10763	253	0.32686	70	0.20776	104	958.3	53	5.371	105	0.28781	385
7000	0.11016	256	0.32756	69	0.20880	99	953.0	54	5.476	105	0.29166	381
7100	0.11272	259	0.32825	69	0.20979	95	947.6	53	5.581	106	0.29547	378
7200	0.11531	261	0.32894	67	0.21074	92	942.3	53	5.687	106	0.29925	374
7300	0.11792	265	0.32961	66	0.21166	90	937.0	52	5.793	107	0.30299	371
7400	0.12057	267	0.33027	65	0.21256	88	931.8	51	5.900	108	0.30670	370
7500	0.12324	270	0.33092	62	0.21344	86	926.7	51	6.008	108	0.31040	366
7600	0.12594	273	0.33154	60	0.21430	84	921.6	50	6.116	109	0.31406	363
7700	0.12867	275	0.33214	59	0.21514	83	916.6	49	6.225	109	0.31769	361
7800	0.13142	279	0.33273	58	0.21597	82	911.7	49	6.334	110	0.32130	358
7900	0.13421	281	0.33331	56	0.21679	81	906.8	48	6.444	111	0.32488	355
8000	0.13702	284	0.33387	54	0.21760	79	902.0	48	6.555	111	0.32843	352
8100	0.13986	287	0.33441	53	0.21839	78	897.2	48	6.666	112	0.33195	349
8200	0.14273	290	0.33494	52	0.21917	77	892.4	47	6.778	112	0.33544	347
8300	0.14563	293	0.33546	50	0.21994	75	887.7	47	6.890	113	0.33891	344
8400	0.14856	295	0.33596	49	0.22069	74	883.0	46	7.003	114	0.34235	341
8500	0.15151	298	0.33645	48	0.22143	74	878.4	46	7.117	114	0.34576	339
8600	0.15449	301	0.33693	47	0.22217	73	873.8	45	7.231	115	0.34915	336
8700	0.15750	304	0.33740	46	0.22290	71	869.3	45	7.346	115	0.35251	334
8800	0.16054	307	0.33786	44	0.22361	70	864.8	44	7.461	116	0.35585	331
8900	0.16361	309	0.33830	43	0.22431	69	860.4	44	7.577	116	0.35916	328
9000	0.16670	313	0.33873	42	0.22500	68	856.0	43	7.693	117	0.36244	326
9100	0.16983	315	0.33915	41	0.22568	68	851.7	42	7.810	118	0.36570	324
9200	0.17298	318	0.33956	40	0.22636	67	847.5	42	7.928	118	0.36894	322
9300	0.17616	321	0.33996	40	0.22703	67	843.3	42	8.046	119	0.37216	319
9400	0.17937	324	0.34036	38	0.22770	66	839.1	41	8.165	120	0.37535	317
9500	0.18261	327	0.34074	38	0.22836	66	835.0	41	8.285	120	0.37852	315
9600	0.18588	329	0.34112	37	0.22902	65	830.9	40	8.405	120	0.38167	314
9700	0.18917	332	0.34149	36	0.22967	65	826.9	40	8.525	121	0.38481	311
9800	0.19249	335	0.34185	35	0.23032	64	822.9	40	8.646	122	0.38792	308
9900	0.19584	338	0.34220	34	0.23096	64	818.9	39	8.768	123	0.39100	307
10000	0.19922	341	0.34254	34	0.23160	64	815.0	39	8.891	123	0.39407	305

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TABLE II. $V=2{,}000$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.19922	341	0.34254	34	0.23160	64	815.0	39	8.891	123	0.39407	305
10100	0.20263	344	0.34288	33	0.23224	64	811.1	39	9.014	124	0.39712	303
10200	0.20607	347	0.34321	33	0.23288	63	807.2	39	9.138	124	0.40015	302
10300	0.20954	350	0.34354	32	0.23351	63	803.3	39	9.262	125	0.40317	300
10400	0.21304	353	0.34386	32	0.23414	63	799.4	38	9.387	125	0.40617	298
10500	0.21657	356	0.34418	32	0.23477	63	795.6	38	9.512	126	0.40915	296
10600	0.22013	359	0.34450	30	0.23540	63	791.8	38	9.638	127	0.41211	294
10700	0.22372	361	0.34480	30	0.23603	63	788.0	37	9.765	127	0.41505	292
10800	0.22733	364	0.34510	30	0.23666	62	784.3	37	9.892	128	0.41797	291
10900	0.23097	368	0.34540	29	0.23728	62	780.6	36	10.020	128	0.42088	289
11000	0.23465	371	0.34569	29	0.23790	62	777.0	36	10.148	129	0.42377	287
11100	0.23836	373	0.34598	28	0.23852	61	773.4	36	10.277	130	0.42664	286
11200	0.24209	377	0.34626	28	0.23913	62	769.8	35	10.407	130	0.42950	284
11300	0.24586	380	0.34654	28	0.23975	62	766.3	35	10.537	131	0.43234	282
11400	0.24966	382	0.34682	28	0.24037	62	762.8	35	10.668	131	0.43516	281
11500	0.25348	386	0.34710	27	0.24099	62	759.3	35	10.799	132	0.43797	280
11600	0.25734	388	0.34737	27	0.24161	62	755.8	35	10.931	133	0.44077	278
11700	0.26122	391	0.34764	26	0.24223	62	752.3	35	11.064	133	0.44355	277
11800	0.26513	395	0.34790	26	0.24285	62	748.8	34	11.197	134	0.44632	275
11900	0.26908	397	0.34816	26	0.24347	63	745.4	34	11.331	135	0.44907	273
12000	0.27305	400	0.34842	26	0.24410	63	742.0	34	11.466	135	0.45180	272
12100	0.27705	404	0.34868	26	0.24473	64	738.6	35	11.601	136	0.45452	271
12200	0.28109	407	0.34894	26	0.24537	64	735.1	34	11.737	136	0.45723	270
12300	0.28516	410	0.34920	26	0.24601	65	731.7	34	11.873	137	0.45993	268
12400	0.28926	413	0.34946	25	0.24666	65	728.3	34	12.010	138	0.46261	267
12500	0.29339	416	0.34971	25	0.24731	65	724.9	34	12.148	138	0.46528	266
12600	0.29755	420	0.34996	26	0.24796	65	721.5	34	12.286	139	0.46794	265
12700	0.30175	423	0.35022	25	0.24861	66	718.1	34	12.425	140	0.47059	264
12800	0.30598	426	0.35047	25	0.24927	66	714.7	34	12.565	140	0.47323	262
12900	0.31024	429	0.35072	25	0.24993	67	711.3	33	12.705	141	0.47585	261
13000	0.31453	432	0.35097	25	0.25060	67	708.0	34	12.846	142	0.47846	260
13100	0.31885	436	0.35122	25	0.25127	68	704.6	34	12.988	142	0.48106	259
13200	0.32321	439	0.35147	25	0.25195	68	701.2	33	13.130	143	0.48365	258
13300	0.32760	443	0.35172	25	0.25263	69	697.9	33	13.273	143	0.48623	258
13400	0.33203	446	0.35197	25	0.25332	69	694.6	33	13.416	144	0.48881	256
13500	0.33649	449	0.35222	24	0.25401	69	691.3	33	13.560	145	0.49137	255
13600	0.34098	452	0.35246	25	0.25470	69	688.0	33	13.705	146	0.49392	254
13700	0.34550	456	0.35271	25	0.25539	70	684.7	33	13.851	146	0.49646	254
13800	0.35006	459	0.35296	25	0.25609	70	681.4	32	13.997	147	0.49900	253
13900	0.35465	463	0.35321	24	0.25679	71	678.2	32	14.144	148	0.50153	251
14000	0.35928	466	0.35345	25	0.25750	70	675.0	31	14.292	149	0.50404	251
14100	0.36394	470	0.35370	25	0.25820	71	671.9	30	14.441	149	0.50655	250
14200	0.36864	473	0.35395	24	0.25891	71	668.9	30	14.590	150	0.50905	249
14300	0.37337	477	0.35419	24	0.25962	71	665.9	30	14.740	151	0.51154	248
14400	0.37814	480	0.35443	25	0.26033	72	662.9	30	14.891	151	0.51402	248
14500	0.38294	484	0.35468	25	0.26105	72	659.9	30	15.042	152	0.51650	246
14600	0.38778	487	0.35493	25	0.26177	73	656.9	30	15.194	153	0.51896	246
14700	0.39265	490	0.35518	24	0.26250	73	653.9	30	15.347	153	0.52142	245
14800	0.39755	494	0.35542	25	0.26323	73	650.9	30	15.500	154	0.52387	245
14900	0.40249	498	0.35567	25	0.26396	74	647.9	29	15.654	155	0.52632	243
15000	0.40747	502	0.35592	25	0.26470	75	645.0	30	15.809	156	0.52875	242

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TABLE II. $V=2{,}000$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.40747	502	0.35592	25	0.26470	75	645.0	30	15.809	156	0.52875	242
15100	0.41249	505	0.35617	25	0.26545	75	642.0	31	15.965	156	0.53117	242
15200	0.41754	509	0.35642	25	0.26620	76	638.9	30	16.121	157	0.53359	242
15300	0.42263	513	0.35667	25	0.26696	77	635.9	30	16.278	158	0.53601	241
15400	0.42776	516	0.35692	25	0.26773	77	632.9	30	16.436	158	0.53842	240
15500	0.43292	520	0.35717	25	0.26850	77	629.9	30	16.594	159	0.54082	239
15600	0.43812	524	0.35742	25	0.26927	77	626.9	30	16.753	160	0.54321	239
15700	0.44336	528	0.35767	25	0.27004	78	623.9	30	16.913	161	0.54560	238
15800	0.44864	531	0.35792	25	0.27082	79	620.9	30	17.074	161	0.54798	237
15900	0.45395	535	0.35817	26	0.27161	79	617.9	29	17.235	162	0.55035	237
16000	0.45930	539	0.35843	25	0.27240	79	615.0	29	17.397	163	0.55272	236
16100	0.46469	544	0.35868	25	0.27319	80	612.1	29	17.560	163	0.55508	236
16200	0.47013	548	0.35893	26	0.27399	80	609.2	28	17.723	164	0.55744	236
16300	0.47561	551	0.35919	26	0.27479	81	606.4	28	17.887	165	0.55980	235
16400	0.48112	556	0.35945	26	0.27560	81	603.6	28	18.052	166	0.56215	234
16500	0.48668	559	0.35971	25	0.27641	81	600.8	28	18.218	167	0.56449	234
16600	0.49227	564	0.35996	26	0.27722	81	598.0	28	18.385	168	0.56683	234
16700	0.49791	567	0.36022	26	0.27803	82	595.2	28	18.553	168	0.56917	233
16800	0.50358	571	0.36048	26	0.27885	82	592.4	27	18.721	169	0.57150	232
16900	0.50929	576	0.36074	26	0.27967	83	589.7	27	18.890	170	0.57382	232
17000	0.51505	580	0.36100	26	0.28050	83	587.0	28	19.060	171	0.57614	232
17100	0.52085	584	0.36126	26	0.28133	83	584.2	28	19.231	172	0.57846	231
17200	0.52669	588	0.36152	27	0.28216	83	581.4	27	19.403	173	0.58077	230
17300	0.53257	593	0.36179	27	0.28299	83	578.7	27	19.576	173	0.58307	230
17400	0.53850	597	0.36206	27	0.28382	84	576.0	27	19.749	174	0.58537	230
17500	0.54447	602	0.36233	26	0.28466	84	573.3	27	19.923	175	0.58767	230
17600	0.55049	606	0.36259	27	0.28550	85	570.6	27	20.098	176	0.58997	229
17700	0.55655	610	0.36286	27	0.28635	85	567.9	27	20.274	176	0.59226	229
17800	0.56265	614	0.36313	27	0.28720	85	565.2	26	20.450	177	0.59455	229
17900	0.56879	619	0.36340	28	0.28805	85	562.6	26	20.627	178	0.59684	228
18000	0.57498	623	0.36368	27	0.28890	86	560.0	26	20.805	179	0.59912	228
18100	0.58121	628	0.36395	28	0.28976	86	557.4	25	20.984	180	0.60140	227
18200	0.58749	633	0.36423	28	0.29062	86	555.9	25	21.164	180	0.60367	227
18300	0.59382	637	0.36451	28	0.29148	87	552.4	25	21.344	181	0.60594	227
18400	0.60019	642	0.36479	28	0.29235	87	549.9	25	21.525	182	0.60821	227
18500	0.60661	647	0.36507	28	0.29322	87	547.4	25	21.707	184	0.61048	226
18600	0.61308	651	0.36535	28	0.29409	87	544.9	25	21.891	184	0.61274	226
18700	0.61959	656	0.36563	28	0.29496	88	542.4	25	22.075	184	0.61500	226
18800	0.62615	660	0.36591	28	0.29584	88	539.9	25	22.259	186	0.61726	225
18900	0.63275	665	0.36619	29	0.29672	88	537.4	25	22.445	187	0.61951	225
19000	0.63940	670	0.36648	28	0.29760	88	534.9	25	22.632	188	0.62176	225
19100	0.64610	675	0.36676	29	0.29848	88	532.4	25	22.820	188	0.62401	224
19200	0.65285	679	0.36705	29	0.29936	88	529.9	25	23.008	189	0.62625	224
19300	0.65964	685	0.36733	29	0.30024	89	527.4	25	23.197	191	0.62849	224
19400	0.66649	689	0.36762	29	0.30113	89	524.9	25	23.388	191	0.63073	224
19500	0.67338	695	0.36791	29	0.30202	89	522.4	25	23.579	192	0.63297	223
19600	0.68033	699	0.36820	29	0.30291	89	519.9	25	23.771	193	0.63520	223
19700	0.68732	705	0.36849	29	0.30380	90	517.4	25	23.964	194	0.63743	223
19800	0.69437	709	0.36878	29	0.30470	90	514.9	25	24.158	194	0.63966	223
19900	0.70146	714	0.36907	29	0.30560	90	512.4	24	24.352	196	0.64189	222
20000	0.70860	719	0.36936	29	0.30650	90	510.0	24	24.548	197	0.64411	222

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TABLE II. $V=2{,}050$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
0	0.00000	76	0.25000	125	0.00000	353	2050.0	260	0.000	49	0.00000	377
100	0.00076	78	0.25125	124	0.00353	355	2024.0	258	0.049	49	0 00377	379
200	0.00154	80	0.25249	123	0.00708	357	1998.2	255	0.098	50	0.00756	380
300	0.00234	81	0.25372	122	0.01065	360	1972.7	252	0.148	51	0.01136	382
400	0.00315	83	0.25494	121	0.01425	362	1947.5	250	0.199	52	0.01518	383
500	0.00398	85	0.25615	120	0.01787	365	1922.5	247	0.251	53	0.01901	385
600	0.00483	86	0.25735	119	0 02152	367	1897.8	244	0.304	53	0.02286	386
700	0.00569	88	0.25844	116	0.02519	369	1873.4	242	0.357	54	0.02672	388
800	0.00657	89	0.25960	113	0.02888	372	1849.2	239	0.411	55	0.03060	389
900	0.00746	90	0.26073	110	0.03260	375	1825.3	237	0.466	55	0.03449	391
1000	0.00836	91	0.26193	106	0.03635	379	1801.6	234	0.521	56	0.03840	392
1100	0.00927	92	0.26299	103	0.04014	383	1778.2	232	0.577	56	0.04232	393
1200	0.01019	95	0.26402	103	0.04397	385	1755.0	229	0.633	57	0.04625	394
1300	0.01114	97	0.26515	104	0.04782	387	1732.1	226	0.690	58	0.05019	396
1400	0.01211	99	0.26619	105	0.05169	388	1709.5	223	0.748	59	0.05415	398
1500	0.01310	101	0.26724	105	0.05557	389	1687.2	220	0.807	60	0.05813	400
1600	0.01411	103	0.26839	107	0.05946	390	1665.2	218	0.867	61	0.06213	402
1700	0.01514	105	0.26936	109	0.06336	391	1643.4	215	0.928	62	0.06615	404
1800	0.01619	106	0.27045	111	0.06727	392	1621.9	213	0.990	62	0.07019	406
1900	0.01725	108	0.27156	114	0.07119	391	1600.6	211	1.052	63	0.07425	407
2000	0.01833	110	0.27260	118	0.07510	390	1579.5	209	1.115	64	0.07832	409
2100	0.01943	111	0.27378	120	0.07900	388	1558.6	206	1.179	64	0.08241	412
2200	0.02054	112	0.27498	122	0.08288	386	1538.0	202	1.243	66	0.08653	415
2300	0.02169	115	0.27620	122	0.08674	385	1517.8	199	1.309	66	0.09068	418
2400	0.02284	119	0.27742	123	0.09059	383	1497.9	196	1.375	67	0.09486	421
2500	0.02403	121	0.27865	123	0.09442	382	1478.3	193	1.442	68	0.09907	423
2600	0.02524	123	0.27988	124	0.09824	381	1459.0	190	1.510	69	0.10330	424
2700	0.02647	125	0.28112	125	0.10205	380	1440.0	187	1.579	70	0.10754	425
2800	0.02772	127	0.28237	126	0.10585	379	1421.3	185	1.649	70	0.11179	428
2900	0.02899	130	0.28363	127	0.10964	378	1402.8	181	1.719	72	0.11607	430
3000	0.03029	132	0.28490	126	0.11342	379	1384.7	177	1.791	73	0.12037	432
3100	0.03161	135	0.28616	125	0.11721	378	1367.0	172	1.864	73	0.12469	435
3200	0.03296	137	0.28741	124	0.12099	375	1349.8	169	1.937	75	0.12904	438
3300	0.03433	140	0.28865	123	0.12474	371	1332.9	166	2.012	75	0.13342	440
3400	0.03573	143	0.28988	123	0.12845	367	1316.3	162	2.087	77	0.13782	441
3500	0.03716	146	0.29111	123	0.13212	362	1300.1	158	2.164	77	0.14223	442
3600	0.03862	148	0.29234	123	0.13574	358	1284.3	154	2.241	78	0.14665	443
3700	0.04010	151	0.29357	123	0.13932	353	1268.9	150	2.319	80	0.15108	444
3800	0.04161	153	0.29480	124	0.14285	349	1253.9	145	2.399	80	0.15552	445
3900	0.04314	156	0.29604	123	0.14634	345	1239.4	141	2.479	81	0.15997	447
4000	0.04470	159	0.29727	124	0.14979	340	1225.3	136	2.560	82	0.16444	448
4100	0.04629	162	0.29851	124	0.15319	334	1211.7	132	2.642	84	0.16892	448
4200	0.04791	165	0.29975	124	0.15653	325	1198.5	128	2.726	84	0.17340	448
4300	0.04956	168	0.30099	123	0.15978	316	1185.7	124	2.810	85	0.17788	447
4400	0.05124	171	0.30222	123	0.16294	306	1173.3	121	2.895	86	0.18235	448
4500	0.05295	174	0.30345	122	0.16600	296	1161.2	118	2.981	86	0.18683	447
4600	0.05469	177	0.30467	121	0.16896	285	1149.4	114	3.067	88	0.19130	448
4700	0.05646	180	0.30588	122	0.17181	275	1138.0	109	3.155	89	0.19578	447
4800	0.05826	183	0.30710	121	0.17456	266	1127.1	103	3.244	89	0.20025	447
4900	0.06009	185	0.30831	120	0.17722	255	1116.8	98	3.333	90	0.20472	447
5000	0.06194	189	0.30951	120	0.17977	243	1107.0	94	3.423	91	0.20919	447

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TABLE II. $V=2{,}050$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.06194	189	0.30950	120	0.17977	243	1107.0	94	3.423	91	0.20919	447
5100	0.06383	192	0.31070	118	0.18220	231	1097.6	92	3.514	91	0.21366	445
5200	0.06575	195	0.31188	115	0.18441	221	1088.4	89	3.605	92	0.21811	444
5300	0.06770	198	0.31303	113	0.18672	213	1079.5	86	3.697	93	0.22255	442
5400	0.06968	201	0.31415	111	0.18885	204	1070.9	83	3.790	94	0.22697	440
5500	0.07169	204	0.31526	108	0.19089	196	1062.6	80	3.884	94	0.23137	438
5600	0.07373	207	0.31634	106	0.19285	188	1054.6	77	3.978	95	0.23575	435
5700	0.07580	210	0.31740	104	0.19473	180	1046.9	74	4.073	96	0.24010	433
5800	0.07790	213	0.31844	102	0.19653	173	1039.5	71	4.169	97	0.24443	431
5900	0.08003	216	0.31945	99	0.19826	167	1032.4	69	4.226	97	0.24874	428
6000	0.08219	219	0.32044	96	0.19993	162	1025.5	68	4.363	98	0.25302	424
6100	0.08438	221	0.32140	94	0.20155	157	1018.7	67	4.461	98	0.25724	419
6200	0.08659	224	0.32234	92	0.20312	152	1012.0	66	4.559	99	0.26142	415
6300	0.08883	227	0.32326	90	0.20464	146	1005.4	64	4.658	100	0.26558	412
6400	0.09110	230	0.32416	88	0.20610	141	999.0	63	4.758	101	0.26971	409
6500	0.09340	234	0.32504	86	0.20751	135	992.7	61	4.859	101	0.27381	406
6600	0.09574	237	0.32590	84	0.20886	130	986.6	59	4.960	101	0.27787	404
6700	0.09811	240	0.32674	82	0.21016	124	980.7	58	5.061	102	0.28191	401
6800	0.10051	242	0.32756	80	0.21140	119	974.9	57	5.163	103	0.28592	398
6900	0.10293	245	0.32836	78	0.21259	114	969.2	55	5.266	104	0.28990	395
7000	0.10538	248	0.32914	75	0.21373	109	963.7	55	5.370	104	0.29385	392
7100	0.10786	250	0.32989	73	0.21482	105	958.2	55	5.474	105	0.29777	389
7200	0.11036	253	0.33062	71	0.21587	102	952.7	54	5.579	105	0.30166	386
7300	0.11289	256	0.33133	70	0.21689	98	947.3	54	5.684	106	0.30552	383
7400	0.11545	259	0.33203	68	0.21787	95	941.9	52	5.790	107	0.30935	380
7500	0.11804	262	0.33271	66	0.21883	92	936.7	52	5.897	107	0.31315	378
7600	0.12066	265	0.33337	64	0.21975	89	931.5	51	6.004	107	0.31692	375
7700	0.12331	267	0.33401	63	0.22064	86	926.4	50	6.111	109	0.32067	372
7800	0.12598	270	0.33464	61	0.22150	82	921.4	49	6.220	109	0.32439	368
7900	0.12868	273	0.33525	59	0.22232	79	916.5	49	6.329	109	0.32807	366
8000	0.13141	276	0.33584	57	0.22311	77	911.6	49	6.438	110	0.33173	363
8100	0.13417	279	0.33641	56	0.22388	76	906.7	49	6.548	111	0.33536	360
8200	0.13696	281	0.33697	55	0.22464	75	901.8	48	6.659	111	0.33896	357
8300	0.13977	284	0.33752	54	0.22539	75	897.0	47	6.770	112	0.34253	355
8400	0.14261	287	0.33806	52	0.22614	74	892.3	47	6.882	112	0.34608	252
8500	0.14548	290	0.33858	51	0.22688	73	887.6	47	6.994	113	0.34960	349
8600	0.14838	293	0.33909	49	0.22761	72	882.9	46	7.107	114	0.35309	347
8700	0.15131	296	0.33958	48	0.22833	71	878.3	45	7.221	114	0.35656	344
8800	0.15427	299	0.34006	47	0.22904	71	873.8	45	7.335	115	0.36000	341
8900	0.15726	301	0.34053	45	0.22975	69	869.3	45	7.450	115	0.36341	339
9000	0.16027	304	0.34098	44	0.23044	68	864.8	44	7.565	116	0.36680	336
9100	0.16331	307	0.34142	43	0.23112	67	860.4	44	7.681	116	0.37016	334
9200	0.16638	310	0.34185	42	0.23179	67	856.0	44	7.797	117	0.37350	332
9300	0.16948	313	0.34227	41	0.23246	66	851.6	43	7.914	118	0.37682	330
9400	0.17261	316	0 34268	40	0.23312	65	847.3	42	8.032	118	0.38012	327
9500	0.17577	318	0.34308	40	0.23377	64	843.1	42	8.150	119	0.38339	325
9600	0.17895	321	0.34348	38	0.23441	64	838.9	42	8.269	119	0.38664	323
9700	0.18216	324	0.34386	37	0.23505	64	834.7	41	8.388	120	0.38987	321
9800	0.18540	327	0.34423	37	0.23569	63	830.6	41	8.508	121	0.39308	318
9900	0.18867	330	0.34460	35	0.23632	62	826.5	40	8.629	121	0.39626	316
10000	0.19197	333	0.34495	35	0.23694	62	822.5	39	8.750	122	0.39942	314

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TABLE II. $V=2{,}050$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.19197	333	0.34495	35	0.23694	62	822.5	39	8.750	122	0.39942	314
10100	0.19530	336	0.34530	35	0.23656	62	818.6	39	8.872	122	0.40256	312
10200	0.19866	339	0.34565	34	0.23818	62	814.7	39	8.994	123	0.40568	310
10300	0.20205	341	0.34599	33	0.23880	62	810.8	39	9.117	124	0.40878	308
10400	0.20546	344	0.34632	33	0.23942	61	806.9	38	9.241	124	0.41186	307
10500	0.20890	347	0.34665	33	0.24003	60	803.1	38	9.365	125	0.41493	305
10600	0.21237	350	0.34698	32	0.24063	61	799.3	38	9.490	125	0.41798	303
10700	0.21587	354	0.34730	32	0.24124	60	795.5	38	9.615	126	0.42101	301
10800	0.21941	356	0.34762	31	0.24184	60	791.7	37	9.741	127	0.42402	299
10900	0.22297	359	0.34793	30	0.24244	59	788.0	37	9.868	127	0.42701	297
11000	0.22656	362	0.34823	30	0.24303	59	784.3	37	9.995	128	0.42998	295
11100	0.23018	365	0.34853	29	0.24362	59	780.6	36	10.123	128	0.43293	293
11200	0.23383	368	0.34882	28	0.24421	59	777.0	36	10.251	129	0.43586	292
11300	0.23751	371	0.34910	29	0.24480	59	773.4	36	10.380	130	0.43878	290
11400	0.24122	374	0.34939	28	0.24539	59	769.8	36	10.510	130	0.44168	289
11500	0.24496	377	0.34967	27	0.24598	59	766.2	36	10.640	131	0.44457	287
11600	0.24873	389	0.34994	28	0.24657	59	762.6	36	10.771	132	0.44744	285
11700	0.25252	382	0.35021	27	0.24716	59	759.0	35	10.903	132	0.45029	284
11800	0.25634	386	0.35048	27	0.24775	59	755.5	36	11.035	133	0.45313	282
11900	0.26020	389	0.35075	26	0.24834	59	751.9	35	11.168	133	0.45595	281
12000	0.26409	392	0.35101	27	0.24893	60	748.4	35	11.301	134	0.45876	280
12100	0.26801	395	0.35128	27	0.24953	61	744.9	35	11.435	135	0.46156	278
12200	0.27196	398	0.35155	26	0.25014	61	741.4	35	11.570	135	0.46434	277
12300	0.27594	401	0.35181	26	0.25075	62	737.9	35	11.705	136	0.46711	275
12400	0.27995	405	0.35207	25	0.25137	62	734.4	34	11.841	137	0.46986	274
12500	0.28400	408	0.35232	25	0.25199	62	731.0	34	11.978	137	0.47260	273
12600	0.28808	411	0.35257	25	0.25261	63	727.6	34	12.115	138	0.47533	272
12700	0.29219	414	0.35282	24	0.25324	63	724.2	34	12.253	138	0.47805	270
12800	0.29633	417	0.35306	24	0.25387	63	720.8	33	12.391	139	0.48075	269
12900	0.30050	420	0.35330	24	0.25450	64	717.5	33	12.530	140	0.48344	268
13000	0.30470	423	0.35354	24	0.25514	64	714.2	33	12.670	142	0.48612	266
13100	0.30893	426	0.35378	24	0.25578	65	710.9	33	12.812	142	0.48878	265
13200	0.31319	429	0.35402	24	0.25643	65	707.6	33	12.954	142	0.49143	264
13300	0.31748	433	0.35426	24	0.25708	66	704.3	33	13.096	143	0.49407	263
13400	0.32181	437	0.35450	25	0.25774	66	701.0	33	13.239	143	0.49670	262
13500	0.32618	440	0.35475	24	0.25840	66	697.7	33	13.382	144	0.49932	261
13600	0.33058	443	0.35499	24	0.25906	66	694.4	32	13.526	144	0.50193	260
13700	0.33501	446	0.35523	24	0.25972	66	691.2	32	13.670	144	0.50453	259
13800	0.33947	450	0.35547	24	0.26038	68	688.0	32	13.814	144	0.50712	258
13900	0.34397	453	0.35571	24	0.26106	67	684.8	32	13.958	145	0.50970	256
14000	0.34850	456	0.35595	24	0.26173	68	681.6	32	14.103	146	0.51226	256
14100	0.35306	460	0.35619	24	0.26241	68	678.4	32	14.249	148	0.51482	255
14200	0.35766	463	0.35643	24	0.26309	68	675.2	31	14.397	149	0.51737	254
14300	0.36229	467	0.35667	24	0.26377	69	672.1	31	14.546	150	0.51991	253
14400	0.36696	470	0.35691	24	0.26446	69	669.0	31	14.696	151	0.52244	253
14500	0.37166	474	0.35715	23	0.26515	70	665.9	31	14.847	152	0.52497	252
14600	0.37640	478	0.35738	24	0.26585	70	662.8	31	14.999	152	0.52749	251
14700	0.38118	481	0.35762	24	0.26655	71	659.7	31	15.151	151	0.53000	251
14800	0.38599	484	0.35786	24	0.26726	71	656.6	30	15.302	151	0.53251	249
14900	0.39083	488	0.35810	24	0.26797	71	653.6	31	15.453	152	0.53500	248
15000	0.39571	491	0.35834	24	0.26868	72	650.5	30	15.605	154	0.53748	247

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TABLE II. *V=2,050 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.39571	491	0.35834	24	0.26868	72	650.5	30	15.605	154	0.53748	247
15100	0.40062	495	0.35858	24	0.26940	73	647.5	30	15.759	155	0.53995	247
15200	0.40557	499	0.35882	24	0.27013	73	644.5	30	15.914	156	0.54242	246
15300	0.41056	502	0.35906	24	0.27086	73	641.5	30	16.070	156	0.54488	245
15400	0.41558	506	0.35930	25	0.27159	74	638.5	30	16.226	157	0.54733	244
15500	0.42064	510	0.35955	24	0.27233	74	635.5	30	16.383	158	0.54977	244
15600	0.42574	514	0.35979	24	0.27307	74	632.5	30	16.541	159	0.55221	243
15700	0.43088	518	0.36003	24	0.27381	75	629.5	30	16.700	159	0.55464	243
15800	0.43606	521	0.36027	24	0.27456	75	626.5	29	16.859	160	0.55707	242
15900	0.44127	525	0.36051	24	0.27531	76	623.6	29	17.019	161	0.55949	241
16000	0.44652	529	0.36075	24	0.27607	77	620.7	29	17.180	162	0.56190	241
16100	0.45181	533	0.36099	25	0.27684	77	617.8	28	17.342	162	0.56431	240
16200	0.45714	537	0.36124	24	0.27761	77	615.0	29	17.504	163	0.56671	240
16300	0.46251	541	0.36148	25	0.27838	77	612.1	29	17.667	164	0.56911	239
16400	0.46792	545	0.36173	25	0.27915	78	609.2	28	17.831	165	0.57150	239
16500	0.47337	549	0.36198	25	0.27993	78	606.4	28	17.996	165	0.57389	238
16600	0.47886	552	0.36222	25	0.28071	78	603.6	28	18.161	166	0.57627	238
16700	0.48438	556	0.36247	25	0.28149	78	600.8	28	18.327	166	0.57865	237
16800	0.48994	560	0.36272	25	0.28227	78	598.0	28	18.493	168	0.58102	236
16900	0.49554	565	0.36297	25	0.28305	79	595.2	28	18.661	168	0.58338	236
17000	0.50119	569	0.36322	25	0.28384	80	592.4	28	18.829	169	0.58574	236
17100	0.50688	573	0.36347	25	0.28464	80	589.6	27	18.998	170	0.58810	235
17200	0.51261	577	0.36372	26	0.28544	80	586.9	27	19.168	171	0.59045	234
17300	0.51838	581	0.36398	25	0.28624	81	584.2	27	19.339	172	0.59279	234
17400	0.52419	586	0.36423	26	0.28705	81	581.5	27	19.511	173	0.59513	234
17500	0.53005	590	0.36449	25	0.28786	82	578.8	27	19.684	173	0.59747	233
17600	0.53595	594	0.36474	26	0.28868	82	576.1	27	19.857	174	0.59980	233
17700	0.54189	598	0.36500	26	0.28950	82	573.4	27	20.031	174	0.60213	233
17800	0.54787	603	0.36526	26	0.29032	82	570.7	27	20.205	175	0.60446	232
17900	0.55390	607	0.36552	26	0.29114	83	568.0	27	20.380	176	0.60678	231
18000	0.55997	611	0.36578	26	0.29197	83	565.3	26	20.556	177	0.60909	231
18100	0.56608	616	0.36604	27	0.29280	84	562.7	26	20.733	178	0.61140	231
18200	0.57224	621	0.36631	26	0.29364	84	560.1	26	20.911	178	0.61371	230
18300	0.57845	625	0.36657	27	0.29448	84	557.5	26	21.089	180	0.61601	230
18400	0.58470	630	0.36684	27	0.29532	84	554.9	26	21.269	180	0.61831	230
18500	0.59100	634	0.36711	27	0.29616	85	552.3	26	21.449	182	0.62061	229
18600	0.59734	638	0.36738	27	0.29701	85	549.7	26	21.631	183	0.62290	229
18700	0.60372	644	0.36765	27	0.29786	85	547.1	25	21.814	183	0.62519	229
18800	0.61016	648	0.36792	27	0.29871	86	544.6	26	21.997	184	0.62748	228
18900	0.61664	652	0.36819	27	0.29957	86	542.0	25	22.181	185	0.62976	228
19000	0.62316	657	0.36846	28	0.30043	87	539.5	25	22.366	186	0.63204	228
19100	0.62973	663	0.36874	28	0.30130	86	537.0	25	22.552	186	0.63432	228
19200	0.63636	667	0.36902	28	0.30216	87	534.5	25	22.738	187	0.63660	227
19300	0.64303	672	0.36930	28	0.30303	87	532.0	25	22.925	188	0.63887	227
19400	0.64975	677	0.36958	28	0.30391	87	529.5	25	23.113	188	0.64114	227
19500	0.65652	681	0.36986	28	0.30478	87	527.0	25	23.301	191	0.64341	226
19600	0.66333	687	0.37014	28	0.30565	88	524.5	24	23.492	192	0.64567	226
19700	0.67020	692	0.37042	28	0.30653	88	522.1	24	23.684	192	0.64793	226
19800	0.67712	697	0.37070	28	0.30741	89	519.7	25	23.876	193	0.65019	226
19900	0.68409	701	0.37098	29	0.30830	88	517.2	24	24.069	194	0.65245	225
20000	0.69110	706	0.37127	29	0.30918	89	514.8	24	24.263	194	0.65470	225

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TABLE II. $V=2{,}100\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	73	0.25000	123	0.00000	370	2100.0	270	0.000	48	0.00000	363
100	0.00073	75	0.25123	122	0.00370	370	2073.0	266	0.048	49	0.00363	366
200	0.00148	76	0.25245	121	0.00740	370	2046.4	262	0.097	49	0.00729	369
300	0.00224	77	0.25366	120	0.01110	370	2020.2	258	0.146	50	0.01098	371
400	0.00301	79	0.25486	119	0.01480	369	1994.4	253	0.196	50	0.01469	374
500	0.00380	80	0.25605	118	0.01849	368	1969.1	249	0.246	51	0.01843	376
600	0.00460	82	0.25723	117	0.02217	369	1944.2	246	0.297	52	0.02219	378
700	0.00542	83	0.25840	116	0.02586	371	1919.6	244	0.349	52	0.02597	382
800	0.00625	84	0.25956	115	0.02957	375	1895.2	242	0.401	53	0.02979	384
900	0.00709	86	0.26071	114	0.03332	378	1871.0	240	0.454	54	0.03363	386
1000	0.00795	87	0.26185	113	0.03710	380	1847.0	238	0.508	54	0.03749	390
1100	0.00882	89	0.26298	112	0.04090	381	1823.2	236	0.562	55	0.04139	393
1200	0.00971	91	0.26410	110	0.04471	380	1799.6	235	0.617	56	0.04532	395
1300	0.01062	92	0.26520	108	0.04851	381	1776.1	233	0.673	57	0.04927	397
1400	0.01154	94	0.26628	106	0.05232	382	1752.8	230	0.730	57	0.05324	399
1500	0.01248	96	0.26734	105	0.05614	382	1729.8	227	0.787	58	0.05723	402
1600	0.01344	98	0.26839	104	0.05996	382	1607.1	223	0.845	59	0.06125	404
1700	0.01442	99	0.26943	104	0.06378	381	1684.8	220	0.904	60	0.06529	407
1800	0.01541	101	0.27047	106	0.06759	381	1662.8	216	0.964	61	0.06936	409
1900	0.01642	102	0.27153	107	0.07140	380	1641.2	212	1.025	61	0.07345	411
2000	0.01744	104	0.27260	109	0.07520	379	1620.0	209	1.086	62	0.07756	413
2100	0.01848	107	0.27369	111	0.07899	378	1599.1	207	1.148	63	0.08169	414
2200	0.01955	109	0.27480	113	0.08277	377	1578.4	205	1.211	64	0.08583	417
2300	0.02064	111	0.27593	115	0.08654	376	1557.9	203	1.275	64	0.09000	418
2400	0.02175	113	0.27708	117	0.09030	376	1537.6	201	1.339	65	0.09418	420
2500	0.02288	115	0.27825	119	0.09406	377	1517.5	199	1.404	67	0.09838	422
2600	0.02403	116	0.27944	120	0.09783	379	1497.6	198	1.471	67	0.10260	425
2700	0.02519	119	0.28064	121	0.10162	383	1477.8	196	1.538	69	0.10685	426
2800	0.02638	121	0.28185	122	0.10545	386	1458.2	193	1.607	69	0.11111	428
2900	0.02759	123	0.28307	124	0.10931	389	1438.9	189	1.676	70	0.11539	430
3000	0.02882	125	0.28431	125	0.11320	389	1420.0	186	1.746	71	0.11969	433
3100	0.03007	128	0.28556	125	0.11709	387	1401.4	182	1.817	72	0.12402	434
3200	0.03135	131	0.28681	126	0.12096	384	1383.2	178	1.889	73	0.12836	435
3300	0.03266	133	0.28807	126	0.12480	379	1365.4	175	1.962	73	0.13271	437
3400	0.03399	136	0.28933	127	0.12859	374	1347.9	171	2.035	75	0.13708	439
3500	0.03535	138	0.29060	127	0.13233	368	1330.8	167	2.110	76	0.14147	441
3600	0.03673	141	0.29187	127	0.13601	363	1314.1	163	2.186	76	0.14588	442
3700	0.03814	143	0.29314	128	0.13964	358	1297.8	159	2.262	78	0.15030	443
3800	0.03957	146	0.29442	128	0.14322	352	1281.9	156	2.340	78	0.15473	445
3900	0.04103	149	0.29570	129	0.14674	346	1266.3	153	2.418	80	0.15918	447
4000	0.04252	151	0.29699	128	0.15020	341	1251.0	148	2.498	81	0.16365	449
4100	0.04403	154	0.29827	128	0.15361	338	1236.2	143	2.579	81	0.16814	448
4200	0.04557	158	0.29955	128	0.15699	334	1221.9	137	2.660	82	0.17262	450
4300	0.04715	160	0.30083	127	0.16033	329	1208.2	132	2.742	83	0.17712	450
4400	0.04875	163	0.30210	126	0.16362	323	1195.0	127	2.825	84	0.18162	452
4500	0.05038	166	0.30336	125	0.16685	316	1182.3	122	2.909	85	0.18614	451
4600	0.05204	169	0.30461	125	0.17001	308	1170.1	117	2.994	86	0.19065	454
4700	0.05373	172	0.30586	124	0.17309	300	1158.4	112	3.080	87	0.19519	454
4800	0.05545	175	0.30710	124	0.17609	291	1147.2	108	3.167	87	0.19973	456
4900	0.05720	178	0.30834	124	0.17900	280	1136.4	104	3.254	89	0.20429	456
5000	0.05898	181	0.30958	124	0.18180	268	1126.0	101	3.343	89	0.20885	452

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TABLE II. *V=2,100 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.05898	181	0.30958	124	0.18180	268	1126.0	101	3.343	89	0.20885	452
5100	0.06079	184	0.31082	122	0.18448	257	1115.9	98	3.432	91	0.21337	449
5200	0.06263	186	0.31204	120	0.18705	247	1106.1	95	3.523	91	0.21786	449
5300	0.06449	190	0.31324	119	0.18952	237	1096.6	92	3.614	92	0.22235	446
5400	0.06639	193	0.31443	118	0.19189	226	1087.4	89	3.706	92	0.22681	446
5500	0.06832	195	0.31561	116	0.19415	217	1078.5	85	3.798	93	0.23127	443
5600	0.07027	199	0.31677	114	0.19632	208	1070.0	82	3.891	94	0.23570	442
5700	0.07226	202	0.31791	111	0.19840	199	1061.8	79	3.985	94	0.24012	441
5800	0.07428	204	0.31902	109	0.20039	190	1053.9	76	4.079	95	0.24453	439
5900	0.07632	208	0.32011	106	0.20229	181	1046.3	73	4.174	96	0.24892	437
6000	0.07840	211	0.32117	103	0.20410	174	1039.0	69	4.270	97	0.25329	432
6100	0.08051	213	0.32220	101	0.20584	168	1032.1	68	4.367	97	0.25761	430
6200	0.08264	216	0.32321	97	0.20752	162	1025.3	67	4.464	98	0.26191	427
6300	0.08480	220	0.32418	94	0.20914	156	1018.6	66	4.562	99	0.26618	425
6400	0.08700	222	0.32512	92	0.21070	151	1012.0	65	4.661	99	0.27043	422
6500	0.08922	225	0.32604	90	0.21221	144	1005.5	65	4.760	100	0.27465	419
6600	0.09147	228	0.32694	89	0.21365	137	999.0	64	4.860	100	0.27884	417
6700	0.09375	231	0.32783	86	0.21502	130	992.6	63	4.960	101	0.28301	414
6800	0.09606	234	0.32869	84	0.21632	123	986.3	62	5.061	102	0.28715	411
6900	0.09840	237	0.32953	83	0.21755	115	980.1	21	5.163	102	0.29126	409
7000	0.10077	240	0.33036	82	0.21870	110	974.0	59	5.265	103	0.29535	405
7100	0.10317	243	0.33118	81	0.21980	106	968.1	57	5.368	104	0.29940	401
7200	0.10560	245	0.33199	79	0.22086	103	962.4	55	5.472	104	0.30341	399
7300	0.10805	248	0.33278	76	0.22189	101	956.9	54	5.576	105	0.30740	396
7400	0.11053	251	0.33354	75	0.22290	99	951.5	53	5.681	105	0.31136	393
7500	0.11304	254	0.33429	73	0.22389	98	946.2	52	5.786	106	0.31529	389
7600	0.11558	257	0.33502	72	0.22487	96	941.0	50	5.892	106	0.31918	387
7700	0.11815	260	0.33574	69	0.22583	93	936.0	50	5.998	107	0.32305	383
7800	0.12075	262	0.33643	67	0.22676	89	931.0	50	6.105	108	0.32688	381
7900	0.12337	265	0.33710	65	0.22765	85	926.0	50	6.213	108	0.33069	378
8000	0.12602	268	0.33775	63	0.22850	80	921.0	50	6.321	109	0.33447	374
8100	0.12870	271	0.33838	61	0.22930	79	916.0	50	6.430	109	0.33821	371
8200	0.13141	274	0.33899	59	0.23009	78	911.0	49	6.539	110	0.34192	369
8300	0.13415	276	0.33958	57	0.23187	76	906.1	49	6.649	111	0.34561	366
8400	0.13691	279	0.34015	56	0.23163	74	901.2	48	6.760	111	0.34927	363
8500	0.13970	282	0.34071	54	0.23237	72	896.4	48	6.871	112	0.35290	360
8600	0.14252	285	0.34125	52	0.23309	71	891.6	47	6.983	112	0.35650	357
8700	0.14537	288	0.34177	51	0.23380	70	886.9	47	7.095	113	0.36007	355
8800	0.14825	290	0.34228	50	0.23450	70	882.2	46	7.208	114	0.36362	352
8900	0.15115	293	0.34278	47	0.23520	70	877.6	46	7.322	114	0.36714	349
9000	0.15408	296	0.34325	45	0.23590	69	873.0	45	7.436	115	0.37063	347
9100	0.15704	299	0.34370	45	0.23659	68	868.5	44	7.551	115	0.37410	344
9200	0.16003	302	0.34415	43	0.23727	67	864.1	44	7.666	116	0.37754	342
9300	0.16305	305	0.34458	43	0.23794	66	859.7	44	7.782	117	0.38096	339
9400	0.16610	307	0.34501	41	0.23860	64	855.3	43	7.899	117	0.38435	337
9500	0.16917	311	0.34542	40	0.23924	63	851.0	43	8.016	118	0.38772	335
9600	0.17228	313	0.34582	40	0.23987	62	846.7	42	8.134	118	0.39107	332
9700	0.17541	316	0.34622	38	0.24049	61	842.5	42	8.252	119	0.39439	330
9800	0.17857	318	0.34660	38	0.24110	60	838.3	42	8.371	120	0.39769	328
9900	0.18175	322	0.34798	36	0.24170	60	834.1	41	8.491	120	0.40097	325
10000	0.18497	324	0.34734	38	0.24230	60	830.0	40	8.611	121	0.40422	323

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TABLE II. $V=2{,}100$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.18497	324	0.34734	38	0.24230	60	830.0	40	8.611	121	0.40422	323
10100	0.18821	327	0.34772	37	0.24290	60	826.0	40	8.732	121	0.40745	321
10200	0.19148	330	0.34809	37	0.24350	60	822.0	40	8.853	122	0.41066	319
10300	0.19478	333	0.34846	36	0.24410	60	818.0	40	8.975	122	0.41385	317
10400	0.19811	336	0.34882	36	0.24470	59	814.0	39	9.097	123	0.41702	315
10500	0.20147	339	0.34918	34	0.24529	58	810.1	39	9.220	124	0.42017	313
10600	0.20486	342	0.34952	34	0.24587	58	806.2	38	9.344	124	0.42330	311
10700	0.20828	345	0.34986	34	0.24645	58	802.4	38	9.468	125	0.42641	309
10800	0.21173	348	0.35020	33	0.24703	58	798.6	38	9.593	126	0.42950	307
10900	0.21521	351	0.35053	32	0.24761	59	794.8	38	9.719	126	0.43257	305
11000	0.21872	354	0.35085	31	0.24820	59	791.0	37	9.845	127	0.43562	303
11100	0.22226	356	0.35116	30	0.24879	59	787.3	37	9.972	127	0.43865	302
11200	0.22582	360	0.35146	30	0.24938	58	783.6	36	10.099	128	0.44167	300
11300	0.22942	363	0.35176	29	0.24996	57	780.0	36	10.227	128	0.44467	298
11400	0.23305	366	0.35205	29	0.25053	56	776.4	36	10.355	129	0.44765	297
11500	0.23671	368	0.35234	28	0.25109	55	772.8	36	10.484	130	0.45062	295
11600	0.24039	372	0.35262	28	0.25164	55	769.2	36	10.614	130	0.45357	293
11700	0.24411	374	0.35290	27	0.25219	56	765.6	36	10.744	131	0.45650	292
11800	0.24785	378	0.35317	26	0.25275	57	762.0	35	10.875	132	0.45942	292
11900	0.25163	380	0.35343	26	0.25332	58	758.5	35	11.007	132	0.46232	289
12000	0.25543	383	0.35369	26	0.25390	59	755.0	34	11.139	133	0.46521	287
12100	0.25926	387	0.35395	25	0.25449	59	751.6	35	11.272	133	0.46808	285
12200	0.26313	390	0.35420	25	0.25508	59	748.1	34	11.405	134	0.47093	284
12300	0.26703	393	0.35445	25	0.25567	58	744.7	34	11.539	135	0.47377	282
12400	0.27096	395	0.35470	25	0.25625	58	741.3	34	11.674	135	0.47659	282
12500	0.27491	399	0.35495	24	0.25683	58	737.9	34	11.809	136	0.47941	279
12600	0.27890	402	0.35519	24	0.25741	59	734.5	34	11.945	137	0.48220	278
12700	0.28292	405	0.35543	24	0.25800	60	731.1	34	12.082	137	0.48498	277
12800	0.28697	408	0.35567	23	0.25860	60	727.7	33	12.219	138	0.48775	275
12900	0.29105	411	0.35590	23	0.25920	60	724.4	34	12.357	138	0.49050	274
13000	0.29516	414	0.35613	23	0.25980	60	721.0	33	12.495	139	0.49324	273
13100	0.29930	418	0.35636	24	0.26040	60	717.7	34	12.634	140	0.49597	271
13200	0.30348	421	0.35660	23	0.26100	60	714.3	33	12.774	140	0.49868	270
13300	0.30769	424	0.35683	22	0.26160	60	711.0	33	12.914	141	0.50138	269
13400	0.31193	427	0.35705	22	0.26220	60	707.7	33	13.055	142	0.50407	269
13500	0.31620	431	0.35727	24	0.26280	60	704.4	33	13.197	142	0.50676	266
13600	0.32051	434	0.35751	22	0.26340	62	701.1	33	13.339	143	0.50942	266
13700	0.32485	437	0.35773	22	0.26402	64	697.8	33	13.482	144	0.51208	264
13800	0.32922	440	0.35795	22	0.26466	66	694.5	32	13.626	144	0.51472	264
13900	0.33362	444	0.35817	22	0.26532	68	691.3	33	13.770	145	0.51736	262
14000	0.33806	447	0.35839	23	0.26600	69	688.0	34	13.915	146	0.51998	262
14100	0.34253	451	0.35862	22	0.26669	68	684.6	32	14.061	146	0.52260	260
14200	0.34704	454	0.35884	23	0.26737	67	681.4	32	14.207	147	0.52520	260
14300	0.35158	457	0.35907	22	0.26804	66	678.2	32	14.354	148	0.52780	259
14400	0.35615	461	0.35929	23	0.26870	65	675.0	32	14.502	149	0.53039	258
14500	0.36076	465	0.35952	23	0.26935	65	671.8	32	14.651	149	0.53297	257
14600	0.36541	468	0.35975	22	0.27000	66	668.6	32	14.800	150	0.53554	256
14700	0.37009	471	0.35997	23	0.27066	67	665.4	32	14.950	151	0.53810	255
14800	0.37480	475	0.36020	22	0.27133	68	662.2	31	15.101	151	0.54065	255
14900	0.37955	478	0.36042	23	0.27201	69	659.1	31	15.252	152	0.54320	253
15000	0.38433	482	0.36065	23	0.27270	70	656.0	31	15.404	153	0.54573	253

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TABLE II. $V=2{,}100$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.38433	482	0.36065	23	0.27270	70	656.0	31	15.404	153	0.54573	253
15100	0.38915	485	0.36088	23	0.27340	70	652.9	31	15.557	153	0.54826	251
15200	0.39400	489	0.36111	23	0.27410	70	649.8	30	15.710	154	0.55077	251
15300	0.39889	493	0.36134	23	0.27480	70	646.8	30	15.864	155	0.55328	250
15400	0.40382	496	0.36157	23	0.27550	70	643.8	30	16.019	156	0.55578	250
15500	0.40878	500	0.36180	23	0.27620	70	640.8	30	16.175	156	0.55828	248
15600	0.41378	504	0.36203	24	0.27690	70	637.8	30	16.331	157	0.56076	249
15700	0.41882	507	0.36227	23	0.27760	70	634.8	30	16.488	158	0.56325	247
15800	0.42389	511	0.36250	23	0.27830	70	631.8	29	16.646	158	0.56572	246
15900	0.42900	515	0.36273	24	0.27800	70	628.9	29	16.804	159	0.56818	246
16000	0.43415	518	0.36297	24	0.27970	71	626.0	28	16.963	160	0.57064	245
16100	0.43933	523	0.36321	24	0.28041	72	623.2	28	17.123	161	0.57309	244
16200	0.44456	526	0.36345	23	0.28113	73	620.4	28	17.284	162	0.57553	244
16300	0.44982	530	0.36368	24	0.28186	74	617.6	28	17.446	162	0.57797	243
16400	0.45512	534	0.36392	25	0.28260	75	614.8	28	17.608	163	0.58040	243
16500	0.46046	538	0.36417	24	0.28335	75	612.0	28	17.771	164	0.58283	242
16600	0.46584	542	0.36441	24	0.28410	76	609.2	28	17.935	165	0.58525	241
16700	0.47126	546	0.36465	24	0.28486	77	606.4	28	18.100	165	0.58766	241
16800	0.47672	550	0.36489	25	0.28563	78	603.6	28	18.265	166	0.59007	240
16900	0.48222	554	0.36514	24	0.28641	79	600.8	28	18.431	167	0.59247	240
17000	0.48776	558	0.36538	25	0.28720	79	598.0	28	18.598	168	0.59487	239
17100	0.49334	563	0.36563	24	0.28799	79	595.2	28	18.766	168	0.59726	239
17200	0.49897	566	0.36587	25	0.28878	79	592.4	28	18.934	169	0.59965	238
17300	0.50463	570	0.36612	25	0.28957	79	589.6	28	19.103	170	0.60203	238
17400	0.51033	575	0.36637	25	0.29036	79	586.8	28	19.273	171	0.60441	237
17500	0.51608	579	0.36662	24	0.29115	79	584.0	28	19.444	172	0.60678	237
17600	0.52187	583	0.36686	25	0.29194	79	581.2	28	19.616	173	0.60915	237
17700	0.52770	587	0.36711	26	0.29273	79	578.4	28	19.789	173	0.61152	236
17800	0.53357	591	0.36737	25	0.29352	79	575.6	28	19.962	174	0.61388	236
17900	0.53948	595	0.36762	25	0.29431	79	572.8	28	20.136	175	0.61624	235
18000	0.54543	599	0.36787	25	0.29510	80	570.0	26	20.311	176	0.61859	234
18100	0.55142	604	0.36812	26	0.29590	80	567.4	26	20.487	177	0.62093	234
18200	0.55746	609	0.36838	26	0.29670	80	564.8	26	20.664	177	0.62327	233
18300	0.56355	613	0.36864	25	0.29750	80	562.2	26	20.841	178	0.62560	234
18400	0.56968	618	0.36889	26	0.29830	80	559.6	26	21.019	179	0.62794	233
18500	0.57586	622	0.36915	26	0.29910	81	557.0	26	21.198	180	0.63027	232
18600	0.58208	627	0.36941	26	0.29991	82	554.4	26	21.378	181	0.63259	232
18700	0.58835	631	0.36967	26	0.30073	84	551.8	26	21.559	181	0.63491	232
18800	0.59466	636	0.36993	26	0.30157	86	549.2	26	21.740	183	0.63723	232
18900	0.60102	640	0.37019	26	0.30243	87	546.6	26	21.923	183	0.63955	231
19000	0.60742	645	0.37045	26	0.30330	86	544.0	25	22.106	184	0.64186	231
19100	0.61387	650	0.37071	26	0.30416	84	541.5	25	22.290	185	0.64417	230
19200	0.62037	655	0.37097	26	0.30500	82	539.0	25	22.475	186	0.64647	230
19300	0.62692	659	0.37123	27	0.30582	80	536.5	25	22.661	186	0.64877	230
19400	0.63351	665	0.37150	26	0.30662	78	534.0	25	22.847	188	0.65107	230
19500	0.64016	669	0.37176	27	0.30740	76	530.5	25	23.035	188	0.65337	229
19600	0.64685	674	0.37203	27	0.30816	73	529.0	25	23.223	190	0.65566	229
19700	0.65359	679	0.37230	27	0.30889	71	526.5	25	23.413	190	0.65795	229
19800	0.66038	683	0.37257	27	0.30960	70	524.0	25	23.603	191	0.66024	229
19900	0.66721	689	0.37284	27	0.31030	70	521.5	25	23.794	192	0.66253	228
20000	0.67410	694	0.37311	27	0.31100	69	519.0	25	23.986	193	0.66481	228

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TABLE II. $V=2{,}150$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	70	0.25000	122	0.00000	370	2150.0	270	0.000	47	0.00000	345
100	0.00070	70	0.25122	121	0.00370	371	2123.0	267	0.047	47	0.00345	355
200	0.00140	72	0.25243	120	0.00741	371	2096.3	264	0.094	48	0.00700	363
300	0.00212	74	0.25363	119	0.01112	372	2069.9	261	0.142	48	0.01063	371
400	0.00286	76	0.25482	118	0.01484	373	2043.8	257	0.190	49	0.01434	376
500	0.00362	76	0.25600	117	0.01857	374	2018.1	256	0.239	50	0.01810	378
600	0.00438	78	0.25717	116	0.02231	374	1992.5	253	0.289	51	0.02188	381
700	0.00516	79	0.25833	112	0.02605	375	1967.2	250	0.340	51	0.02569	383
800	0.00595	81	0.25945	108	0.02980	375	1942.2	247	0.391	52	0.02952	385
900	0.00676	82	0.26053	104	0.03355	376	1917.5	244	0.443	53	0.03337	386
1000	0.00758	83	0.26157	100	0.03731	377	1893.1	242	0.496	53	0.03723	385
1100	0.00841	85	0.26257	103	0.04108	378	1868.9	240	0.549	53	0.04108	385
1200	0.00926	86	0.26360	104	0.04486	378	1844.9	238	0.602	55	0.04493	388
1300	0.01012	88	0.26464	105	0.04864	379	1821.1	236	0.657	55	0.04881	390
1400	0.01100	89	0.26569	107	0.05243	379	1797.5	233	0.712	56	0.05271	391
1500	0.01189	91	0.26676	108	0.05622	380	1774.2	232	0.768	56	0.05662	394
1600	0.01280	93	0.26784	110	0.06002	380	1751.0	228	0.824	58	0.06056	398
1700	0.01373	94	0.26894	112	0.06382	381	1728.2	227	0.882	58	0.06454	401
1800	0.01467	96	0.27006	113	0.06763	381	1705.5	225	0.940	59	0.06855	403
1900	0.01563	97	0.27119	115	0.07144	382	1683.0	222	0.999	60	0.07258	406
2000	0.01660	99	0.27234	116	0.07526	382	1660.8	220	1.059	60	0.07664	410
2100	0.01759	101	0.27350	117	0.07908	383	1638.8	217	1.119	62	0.08074	413
2200	0.01860	104	0.27467	118	0.08291	382	1617.1	214	1.181	62	0.08487	417
2300	0.01964	105	0.27585	118	0.08673	383	1595.7	210	1.243	63	0.08904	421
2400	0.02069	107	0.27703	119	0.09056	383	1574.7	207	1.306	64	0.09325	424
2500	0.02176	109	0.27822	120	0.09439	384	1554.0	204	1.370	65	0.09749	423
2600	0.02285	111	0.27942	120	0.09823	384	1533.6	200	1.435	66	0.10172	424
2700	0.02396	114	0.28062	121	0.10207	385	1513.6	197	1.501	67	0.10596	422
2800	0.02510	115	0.28183	122	0.10592	385	1493.9	194	1.568	67	0.11018	420
2900	0.02625	117	0.28305	122	0.10977	385	1474.5	190	1.635	69	0.11438	417
3000	0.02742	119	0.28427	123	0.11362	385	1455.5	188	1.704	69	0.11855	417
3100	0.02861	121	0.28550	124	0.11747	384	1436.7	185	1.773	70	0.12272	420
3200	0.02982	124	0.28674	125	0.12131	383	1418.2	183	1.843	71	0.12692	425
3300	0.03106	127	0.28799	126	0.12514	382	1399.9	180	1.914	72	0.13117	429
3400	0.03233	129	0.28925	127	0.12896	382	1381.9	177	1.986	73	0.13546	434
3500	0.03362	131	0.29052	127	0.13278	380	1364.2	175	2.059	73	0.13980	437
3600	0.03493	133	0.29179	128	0.13658	380	1346.7	173	2.132	75	0.14417	442
3700	0.03626	136	0.29307	130	0.14038	378	1329.4	169	2.207	76	0.14859	446
3800	0.03762	139	0.29437	130	0.14416	378	1312.5	167	2.283	77	0.15305	451
3900	0.03901	141	0.29567	131	0.14794	377	1295.8	164	2.360	78	0.15756	454
4000	0.04042	145	0.29698	131	0.15171	371	1279.4	161	2.438	79	0.16210	457
4100	0.04187	147	0.29829	131	0.15542	361	1263.3	155	2.517	80	0.16667	458
4200	0.04334	151	0.29960	130	0.15903	348	1247.8	149	2.597	80	0.17125	458
4300	0.04485	153	0.30090	129	0.16251	335	1232.9	143	2.677	82	0.17583	458
4400	0.04638	156	0.30219	129	0.16586	323	1218.6	137	2.759	82	0.18041	459
4500	0.04794	158	0.30348	128	0.16909	313	1204.9	131	2.841	83	0.18500	460
4600	0.04952	162	0.30476	128	0.17222	304	1991.8	125	2.924	85	0.18960	460
4700	0.05114	165	0.30604	127	0.17526	296	1979.3	118	3.009	85	0.19420	460
4800	0.05279	167	0.30731	127	0.17822	288	1967.5	112	3.094	86	0.19880	461
4900	0.05446	170	0.30858	126	0.18110	281	1956.3	107	3.180	87	0.20341	461
5000	0.05616	174	0.30984	124	0.18391	273	1145.6	104	3.267	88	0.20802	463

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TABLE II. $V=2{,}150\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.05616	174	0.30984	124	0.18391	273	1145.6	104	3.267	88	0.20802	463
5100	0.05790	176	0.31108	123	0.18664	265	1135.2	101	3.355	88	0.21265	461
5200	0.05966	179	0.31231	122	0.18929	257	1125.1	99	3.443	89	0.21726	459
5300	0.06145	182	0.31353	121	0.19186	249	1115.2	96	3.532	90	0.22185	457
5400	0.06327	186	0.31474	120	0.19435	241	1105.6	93	3.622	91	0.22642	456
5500	0.06513	188	0.31594	119	0.19676	232	1096.3	91	3.713	92	0.23098	453
5600	0.06701	191	0.31713	119	0.19908	224	1087.2	89	3.805	92	0.23551	451
5700	0.06892	194	0.31832	118	0.20132	215	1078.3	85	3.897	93	0.24002	449
5800	0.07086	196	0.31950	116	0.20347	207	1069.8	83	3.990	94	0.24451	447
5900	0.07282	200	0.32066	116	0.20554	197	1061.5	80	4.084	95	0.24898	445
6000	0.07482	203	0.32182	115	0.20751	188	1053.5	77	4.179	95	0.25343	443
6100	0.07685	206	0.32297	112	0.20939	181	1045.8	75	4.274	96	0.25786	440
6200	0.07891	208	0.32409	108	0.21120	174	1038.3	74	4.370	97	0.26226	437
6300	0.08099	212	0.32517	106	0.21294	168	1030.9	71	4.467	97	0.26663	435
6400	0.08311	214	0.32623	102	0.21462	161	1023.8	69	4.564	98	0.27098	433
6500	0.08525	217	0.32725	99	0.21623	155	1016.9	67	4.662	98	0.27531	430
6600	0.08742	220	0.32824	95	0.21778	148	1010.2	65	4.760	99	0.27961	427
6700	0.08962	223	0.32919	93	0.21926	142	1003.7	64	4.859	100	0.28388	424
6800	0.09185	226	0.33012	89	0.22068	135	997.3	61	4.959	101	0.28812	422
6900	0.09411	229	0.33101	86	0.22203	128	991.2	59	5.060	101	0.29234	420
7000	0.09640	232	0.33187	84	0.22331	122	985.3	58	5.161	102	0.29654	416
7100	0.09872	235	0.33271	83	0.22453	118	979.5	57	5.263	103	0.30070	413
7200	0.10107	237	0.33354	81	0.22571	114	973.8	56	5.366	103	0.30483	409
7300	0.10344	241	0.33435	79	0.22685	110	968.2	56	5.469	104	0.30892	407
7400	0.10585	243	0.33514	77	0.22795	106	962.6	55	5.573	104	0.31299	404
7500	0.10828	246	0.33591	74	0.22901	102	957.1	54	5.677	105	0.31703	401
7600	0.11074	249	0.33665	73	0.23003	98	951.7	54	5.782	105	0.32104	398
7700	0.11323	251	0.33738	71	0.23101	94	946.3	53	5.887	106	0.32502	394
7800	0.11574	255	0.33809	68	0.23195	90	941.0	52	5.993	106	0.32896	392
7900	0.11829	257	0.33877	67	0.23285	86	935.8	52	6.099	107	0.33288	389
8000	0.12086	260	0.33944	65	0.23371	83	930.6	52	6.206	108	0.33677	385
8100	0.12346	263	0.34009	63	0.23454	81	925.4	51	6.314	108	0.34062	382
8200	0.12609	266	0.34072	62	0.23535	80	920.3	50	6.422	109	0.34444	379
8300	0.12875	268	0.34134	60	0.23515	78	915.3	50	6.531	109	0.34823	377
8400	0.13143	272	0.34194	59	0.23693	76	910.3	49	6.640	110	0.34200	374
8500	0.13415	274	0.34253	57	0.23769	74	905.4	48	6.750	111	0.35574	370
8600	0.13689	277	0.34310	55	0.23843	72	900.6	48	6.861	111	0.35944	368
8700	0.13966	280	0.34365	54	0.23915	71	895.8	47	6.972	112	0.36312	365
8800	0.14246	283	0.34419	52	0.23986	69	891.1	46	7.084	113	0.36677	363
8900	0.14529	285	0.34471	51	0.24055	67	886.5	46	7.197	113	0.37040	359
9000	0.14814	288	0.34522	49	0.24122	66	881.9	46	7.310	113	0.37399	357
9100	0.15102	291	0.34571	48	0.24188	65	877.3	46	7.423	115	0.37756	354
9200	0.15393	293	0.34619	47	0.24253	65	872.7	45	7.538	115	0.38110	352
9300	0.15686	297	0.34666	46	0.24318	64	868.2	45	7.653	115	0.38462	349
9400	0.15983	299	0.34712	45	0.24382	63	863.7	44	7.768	116	0.38811	347
9500	0.16282	303	0.34757	43	0.24445	63	859.3	44	7.884	117	0.39158	345
9600	0.16585	305	0.34800	42	0.24508	62	854.9	43	8.001	117	0.39503	342
9700	0.16890	309	0.34842	40	0.24570	61	850.6	42	8.118	118	0.39845	340
9800	0.17199	311	0.34882	40	0.24631	61	846.4	42	8.236	119	0.40185	337
9900	0.17510	314	0.34922	39	0.24692	60	842.2	42	8.355	119	0.40522	335
10000	0.17824	316	0.34961	38	0.24752	60	838.0	42	8.474	120	0.40857	332

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TABLE II. *V=2,150 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.17824	316	0.34961	38	0.24752	60	838.0	42	8.474	120	0.40857	332
10100	0.18140	320	0.34999	37	0.24812	59	833.8	41	8.594	120	0.41189	330
10200	0.18460	322	0.35036	36	0.24871	59	829.7	41	8.714	121	0.41519	328
10300	0.18782	325	0.35072	36	0.24930	58	825.6	40	8.835	121	0.41847	326
10400	0.19107	328	0.35108	35	0.24988	58	821.6	39	8.956	122	0.42173	324
10500	0.19435	331	0.35143	34	0.25046	58	817.7	40	9.078	123	0.42497	322
10600	0.19766	334	0.35177	34	0.25104	57	813.7	39	9.201	123	0.42819	319
10700	0.20100	337	0.35211	33	0.25161	57	809.8	39	9.324	124	0.43138	318
10800	0.20437	339	0.35244	32	0.25218	56	805.9	38	9.448	124	0.43456	315
10900	0.20776	343	0.35276	31	0.25274	56	802.1	38	9.572	125	0.43771	313
11000	0.21119	345	0.35307	31	0.25330	56	798.3	38	9.697	126	0.44084	312
11100	0.21464	348	0.35338	31	0.25386	56	794.5	38	9.823	126	0.44396	309
11200	0.21812	352	0.35369	31	0.25442	56	790.7	37	9.949	127	0.44705	308
11300	0.22164	354	0.35400	30	0.25498	55	787.0	37	10.076	127	0.45013	306
11400	0.22518	357	0.35430	29	0.25553	56	783.3	37	10.203	128	0.45319	304
11500	0.22875	360	0.35459	29	0.25609	55	779.6	36	10.331	129	0.45623	303
11600	0.23235	364	0.35488	29	0.25664	55	776.0	36	10.460	129	0.45926	302
11700	0.23599	366	0.35517	28	0.25719	54	772.4	36	10.589	130	0.46228	299
11800	0.23965	370	0.35545	28	0.25773	55	768.8	35	10.719	130	0.46527	297
11900	0.24335	372	0.35573	27	0.25828	54	765.3	35	10.849	131	0.46824	296
12000	0.24707	375	0.35600	27	0.25882	55	761.8	35	10.980	132	0.47120	294
12100	0.25082	378	0.35627	26	0.25937	55	758.3	36	11.112	132	0.47414	293
12200	0.25460	381	0.35653	26	0.25992	55	754.7	35	11.244	133	0.47707	291
12300	0.25841	385	0.35679	26	0.26047	55	751.2	35	11.377	133	0.47998	290
12400	0.26226	387	0.35705	26	0.26102	56	747.7	35	11 510	134	0.48288	288
12500	0.26613	391	0.35731	25	0.26158	56	744.2	35	11.644	135	0.48576	287
12600	0.27004	393	0.35756	25	0.26214	56	740.7	35	11.779	135	0.48863	285
12700	0.27397	397	0.35781	24	0.26270	56	737.2	34	11.914	136	0.49148	283
12800	0.27794	400	0.35805	24	0.26326	56	733.8	34	12.050	137	0.49431	282
12900	0.28194	403	0.35829	24	0.26382	57	730.4	34	12.187	137	0.49713	281
13000	0.28597	406	0.35853	24	0.26439	57	727.0	34	12.324	138	0.49994	279
13100	0.29003	409	0.35877	24	0.26496	58	723.6	34	12.462	138	0.50273	278
13200	0.29412	412	0.35901	23	0.26554	58	720.2	33	12.600	139	0.50551	277
13300	0.29824	415	0.35924	24	0.26612	59	716.9	33	12.739	139	0.50828	275
13400	0.30239	419	0.35948	23	0.26671	60	713.6	34	12.878	141	0.51103	274
13500	0.30658	422	0.35971	23	0.26731	59	710.2	33	13.019	141	0.51377	273
13600	0.31080	425	0.35994	23	0.26790	60	706.9	33	13.160	141	0.51650	272
13700	0.31505	428	0.36017	23	0.26850	60	703.6	33	13.301	143	0.51922	270
13800	0.31933	431	0.36040	23	0.26910	61	700.3	32	13.444	143	0.52192	269
13900	0.32364	435	0.36063	23	0.26971	61	697.1	33	13.587	144	0.52461	268
14000	0.32799	438	0.36086	23	0.27032	62	693.8	32	13.731	144	0.52729	267
14100	0.33237	442	0.36109	23	0.27094	61	690.6	32	13.875	145	0.52996	267
14200	0.33679	445	0.36132	23	0.27155	62	687.4	32	14.020	146	0.53263	265
14300	0.34124	448	0.36155	23	0.27217	63	684.2	32	14.166	147	0.53528	264
14400	0.34572	452	0.36178	23	0.27280	63	681.0	32	14.313	147	0.53792	264
14500	0.35024	455	0.36201	22	0.27343	64	677.8	31	14.460	148	0.54056	262
14600	0.35479	459	0.36223	23	0.27407	64	674.7	32	14.608	149	0.54318	261
14700	0.35938	462	0.36246	23	0.27471	65	671.5	32	14.757	149	0.54579	260
14800	0.36400	465	0.36269	23	0.27536	65	668.3	31	14.906	150	0.54839	259
14900	0.36865	469	0.36292	22	0.27601	66	665.2	31	15.056	151	0.55098	259
15000	0.37334	472	0.36314	22	0.27667	66	662.1	31	15.207	152	0.55357	257

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TABLE II. *V=2,150 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.37334	472	0.36314	22	0.27667	66	662.1	31	15.207	152	0.55357	257
15100	0.37806	476	0.36336	22	0.27733	66	659.0	31	15.359	152	0.55614	257
15200	0.38282	480	0.36358	22	0.27799	67	655.9	30	15.511	153	0.55871	256
15300	0.38762	483	0.36380	22	0.27866	67	652.9	31	15.664	153	0.56127	255
15400	0.39245	487	0.36402	22	0.27933	68	649.8	30	15.817	155	0.56382	254
15500	0.39732	490	0.36424	22	0.28001	68	646.8	31	15.972	155	0.56636	253
15600	0.40222	494	0.36446	23	0.28069	69	643.7	30	16.127	155	0.56889	253
15700	0.40716	497	0.36469	22	0.28138	69	640.7	29	16.282	157	0.57142	252
15800	0.41213	501	0.36491	22	0.28207	69	637.8	30	16.439	158	0.57394	251
15900	0.41714	505	0.36513	22	0.28276	70	634.8	30	16.597	157	0.57645	250
16000	0.42219	508	0.36535	22	0.28346	70	631.8	29	16.754	158	0.57895	249
16100	0.42727	513	0.36557	22	0.28416	71	628.9	30	16.912	160	0.58144	249
16200	0.43240	516	0.36579	23	0.28487	71	625.9	29	17.072	160	0.58393	248
16300	0.43756	520	0.36602	22	0.28558	71	623.0	29	17.232	160	0.58641	248
16400	0.44276	524	0.36624	23	0.28629	72	620.1	29	17.392	162	0.58889	247
16500	0.44800	528	0.36647	22	0.28701	73	617.2	29	17.554	162	0.59136	246
16600	0.45328	532	0.36669	23	0.28774	73	614.3	28	17.716	164	0.59382	245
16700	0.45860	535	0.36692	23	0.28847	73	611.5	28	17.880	164	0.59627	245
16800	0.46395	540	0.36715	23	0.28920	74	608.7	29	18.044	164	0.59872	244
16900	0.46935	543	0.36738	23	0.28994	74	605.8	28	18.208	166	0.60116	244
17000	0.47478	547	0.36761	24	0.29068	74	603.0	28	18.374	166	0.60360	243
17100	0.48025	552	0.36785	23	0.29142	75	600.2	28	18.540	167	0.60603	243
17200	0.48577	555	0.36808	24	0.29217	75	597.4	28	18.707	168	0.60846	242
17300	0.49132	560	0.36832	24	0.29292	76	594.6	28	18.875	169	0.61088	242
17400	0.49692	564	0.36856	24	0.29368	76	591.8	27	19.044	169	0.61330	241
17500	0.50256	568	0.36880	24	0.29444	76	589.1	28	19.213	170	0.61571	241
17600	0.50824	572	0.36904	25	0.29520	77	586.3	27	19.383	170	0.61812	240
17700	0.51396	576	0.36929	24	0.29597	77	583.6	28	19.553	171	0.62052	239
17800	0.51972	581	0.36953	24	0.29674	77	580.8	27	19.724	173	0.62291	239
17900	0.52553	584	0.36977	25	0.29751	78	578.1	27	19.897	175	0.62530	239
18000	0.53137	589	0.37002	25	0.29829	78	575.4	27	20.072	175	0.62769	238
18100	0.53726	593	0.37027	24	0.29907	79	572.7	26	20.247	174	0.63007	238
18200	0.54319	598	0.37051	25	0.29986	79	570.1	27	20.421	175	0.63245	237
18300	0.54917	602	0.37076	25	0.30065	80	567.4	27	20.596	177	0.63482	237
18400	0.55519	606	0.37101	25	0.30145	80	564.7	26	20.773	177	0.63719	236
18500	0.56125	611	0.37126	25	0.30225	80	562.1	26	20.950	178	0.63955	236
18600	0.56736	615	0.37151	25	0.30305	80	559.5	26	21.128	180	0.64191	235
18700	0.57351	620	0.37176	25	0.30385	80	556.9	26	21.308	180	0.64426	235
18800	0.57971	624	0.37201	26	0.30465	81	554.3	26	21.488	180	0.64661	235
18900	0.58595	628	0.37227	25	0.30546	81	551.7	26	21.668	182	0.64896	234
19000	0.59223	633	0.37252	26	0.30627	82	549.1	26	21.850	183	0.65130	234
19100	0.59856	638	0.37278	25	0.30709	82	546.5	25	22.033	183	0.65364	234
19200	0.60494	642	0.37303	26	0.30791	82	544.0	25	22.216	184	0.65598	233
19300	0.61136	648	0.37329	26	0.30873	83	541.5	26	22.400	185	0.65831	233
19400	0.61784	652	0.37355	26	0.30956	83	538.9	25	22.585	186	0.66064	232
19500	0.62436	657	0.37381	26	0.31039	83	536.4	25	22.771	187	0.66296	232
19600	0.63093	661	0.37407	26	0.31122	83	533.9	25	22.958	188	0.66528	232
19700	0.63754	666	0.37433	26	0.31205	84	531.4	25	23.146	189	0.66760	232
19800	0.64420	671	0.37459	26	0.31289	84	528.9	24	23.335	190	0.66992	231
19900	0.65091	676	0.37485	27	0.31373	84	526.5	25	23.525	190	0.67223	231
20000	0.65767	681	0.37512	26	0.31457	84	524.0	25	23.715	190	0.67454	231

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TABLE II. $V=2{,}200$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	67	0.25000	119	0.00000	360	2200.0	270	0.000	46	0.00000	352
100	0.00067	67	0.25119	118	0.00360	361	2173.0	268	0.046	46	0.00352	355
200	0.00134	69	0.25237	116	0.00721	362	2146.2	266	0.092	47	0.00707	359
300	0.00203	71	0.25353	114	0.01083	364	2119.6	264	0.139	47	0.01066	362
400	0.00274	72	0.25467	113	0.01447	366	2093.2	262	0.186	48	0.01428	365
500	0.00346	73	0.25580	112	0.01813	368	2067.0	260	0.234	49	0.01795	368
600	0.00419	74	0.25692	111	0.02181	369	2041.0	258	0.283	49	0.02161	372
700	0.00493	75	0.25803	110	0.02550	370	2015.2	256	0.332	50	0.02533	374
800	0.00568	77	0.25913	109	0.02920	370	1989.6	254	0.382	51	0.02907	378
900	0.00645	78	0.26022	108	0.03290	370	1964.2	252	0.433	51	0.03285	381
1000	0.00723	79	0.26130	107	0.03660	371	1939.0	250	0.484	52	0.03666	385
1100	0.00802	81	0.26237	107	0.04031	374	1914.0	247	0.536	52	0.04051	389
1200	0.00883	83	0.26344	108	0.04405	376	1889.3	244	0.588	54	0.04440	393
1300	0.00966	84	0.26452	108	0.04781	378	1864.9	242	0.642	54	0.04833	396
1400	0.01050	85	0.26560	109	0.05159	379	1840.7	239	0.696	54	0.05229	398
1500	0.01135	87	0.26669	109	0.05538	380	1816.8	237	0.750	56	0.05627	400
1600	0.01222	88	0.26778	110	0.05918	381	1793.1	234	0.806	56	0.06027	402
1700	0.01310	90	0.26888	111	0.06299	383	1769.7	232	0.862	57	0.06429	405
1800	0.01400	92	0.26999	112	0.06682	384	1746.5	228	0.919	58	0.06834	408
1900	0.01492	93	0.27111	113	0.07066	384	1723.7	225	0.977	58	0.07242	410
2000	0.01585	95	0.27224	114	0.07450	384	1701.2	222	1.035	59	0.07652	410
2100	0.01680	96	0.27338	115	0.07834	383	1679.0	219	1.094	60	0.08062	411
2200	0.01776	99	0.27453	117	0.08217	382	1657.1	216	1.154	61	0.08473	413
2300	0.01875	101	0.27570	119	0.08599	381	1635.5	214	1.215	62	0.08886	414
2400	0.01976	102	0.27689	120	0.08980	380	1614.1	211	1.277	62	0.09300	416
2500	0.02078	104	0.27809	122	0.09360	380	1593.0	209	1.339	64	0.09716	418
2600	0.02182	106	0.27931	123	0.09740	380	1572.1	206	1.403	64	0.10134	419
2700	0.02288	108	0.28054	124	0.10120	380	1551.5	204	1.467	65	0.10553	421
2800	0.02396	109	0.28178	125	0.10500	380	1531.1	202	1.532	65	0.10974	422
2900	0.02505	112	0.28303	125	0.10880	380	1510.9	200	1.597	67	0.11396	424
3000	0.02617	114	0.28428	126	0.11260	380	1490.9	198	1.664	67	0.11820	428
3100	0.02731	116	0.28554	126	0.11640	380	1471.1	195	1.731	68	0.12248	432
3200	0.02847	118	0.28680	126	0.12020	379	1451.6	192	1.799	69	0.12680	434
3300	0.02965	121	0.28806	127	0.12399	378	1432.4	188	1.868	70	0.13114	436
3400	0.03086	123	0.28933	127	0.12777	377	1413.6	184	1.938	71	0.13550	437
3500	0.03209	126	0.29060	126	0.13154	377	1395.2	180	2.009	73	0.13987	439
3600	0.03335	128	0.29186	127	0.13531	377	1377.2	176	2.082	73	0.14426	441
3700	0.03463	130	0.29313	127	0.13908	376	1359.6	172	2.155	74	0.14867	443
3800	0.03593	132	0.29440	127	0.14284	374	1342.4	169	2.229	75	0.15310	446
3900	0.03725	135	0.29567	127	0.14658	372	1325.5	165	2.304	76	0.15756	449
4000	0.03860	138	0.29694	127	0.15030	369	1309.0	161	2.380	77	0.16205	452
4100	0.03998	140	0.29821	127	0.15399	364	1292.9	157	2.457	78	0.16657	453
4200	0.04138	143	0.29948	127	0.15763	358	1277.2	152	2.535	78	0.17110	454
4300	0.04281	146	0.30075	126	0.16121	352	1262.0	149	2.613	80	0.17564	455
4400	0.04427	148	0.30201	126	0.16473	346	1247.1	144	2.693	81	0.18019	455
4500	0.04575	151	0.30327	126	0.16819	341	1232.7	140	2.774	81	0.18474	456
4600	0.04726	154	0.30453	125	0.17160	334	1218.7	135	2.855	83	0.18930	457
4700	0.04880	157	0.30578	125	0.17494	326	1205.2	132	2.938	83	0.19387	458
4800	0.05037	160	0.30703	125	0.17820	319	1192.0	127	3.021	85	0.19845	459
4900	0.05197	162	0.30828	124	0.18139	311	1179.3	122	3.106	85	0.20304	459
5000	0.05359	165	0.30952	124	0.18450	303	1167.1	116	3.191	86	0.20763	460

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TABLE II. $V=2{,}200$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.05359	165	0.30952	124	0.18450	303	1167.1	116	3.191	86	0.20763	460
5100	0.05524	168	0.31076	124	0.18753	294	1155.5	112	3.277	87	0.21223	459
5200	0.05692	171	0.31200	122	0.19047	284	1144.3	108	3.364	88	0.21682	459
5300	0.05863	174	0.31322	121	0.19331	274	1133.5	104	3.452	89	0.22141	458
5400	0.06037	177	0.31443	120	0.19605	264	1123.1	101	3.541	89	0.22599	457
5500	0.06214	180	0.31563	120	0.19869	255	1113.0	97	3.630	90	0.23056	457
5600	0.06394	183	0.31683	119	0.20124	245	1103.3	94	3.720	91	0.23513	456
5700	0.06577	186	0.31802	117	0.20369	235	1093.9	90	3.811	92	0.23969	455
5800	0.06763	189	0.31919	116	0.20604	224	1084.9	86	3.903	93	0.24424	454
5900	0.06952	192	0.32035	115	0.20828	212	1076.3	83	3.996	93	0.24878	453
6000	0.07144	195	0.32150	113	0.21040	203	1068.0	80	4.089	94	0.25331	451
6100	0.07339	197	0.32263	112	0.21243	196	1060.0	79	4.183	95	0.25782	449
6200	0.07536	201	0.32375	110	0.21439	190	1052.1	76	4.278	96	0.26231	446
6300	0.07737	204	0.32485	109	0.21629	184	1044.5	74	4.374	96	0.26677	444
6400	0.07941	206	0.32594	107	0.21813	177	1037.1	72	4.470	97	0.27121	442
6500	0.08147	210	0.32701	105	0.21990	170	1029.9	70	4.567	97	0.27563	439
6600	0.08357	212	0.32806	103	0.22160	162	1022.9	68	4.664	98	0.28002	437
6700	0.08569	215	0.32909	102	0.22322	154	1016.1	66	4.762	99	0.28439	434
6800	0.08784	219	0.33011	100	0.22476	146	1009.5	63	4.861	99	0.28873	432
6900	0.09003	221	0.33111	98	0.22622	138	1003.2	62	4.960	100	0.29305	429
7000	0.09224	224	0.33209	96	0.22760	131	997.0	61	5.060	101	0.29734	426
7100	0.09448	227	0.33305	94	0.22891	126	990.9	60	5.161	101	0.30160	423
7200	0.09675	230	0.33399	92	0.23017	122	984.9	60	5.262	102	0.30583	420
7300	0.09905	233	0.33491	90	0.23139	118	978.9	59	5.364	102	0.31003	417
7400	0.10138	235	0.33581	87	0.23257	114	973.0	57	5.466	103	0.31420	414
7500	0.10373	239	0.33668	85	0.23371	109	967.3	56	5.569	104	0.31834	412
7600	0.10612	241	0.33753	83	0.23480	105	961.7	56	5.673	104	0.32246	409
7700	0.10853	244	0.33836	82	0.23585	100	956.1	55	5.777	105	0.32655	405
7800	0.11097	246	0.33918	79	0.23685	95	950.6	53	5.882	106	0.33060	403
7900	0.11343	250	0.33997	75	0.23780	90	945.3	53	5.988	106	0.33463	400
8000	0.11593	252	0.34072	72	0.23870	87	940.0	53	6.094	107	0.33863	396
8100	0.11845	256	0.34144	69	0.23957	85	934.7	52	6.201	107	0.34259	393
8200	0.12101	258	0.34213	66	0.24042	83	929.5	51	6.308	108	0.34652	390
8300	0.12359	261	0.34279	64	0.24125	81	924.4	51	6.416	108	0.35042	387
8400	0.12620	263	0.34343	63	0.24206	79	919.3	50	6.524	109	0.35429	384
8500	0.12883	267	0.34406	61	0.24285	77	914.3	50	6.633	110	0.35813	381
8600	0.13150	269	0.34467	59	0.24362	75	909.3	49	6.743	110	0.36194	379
8700	0.13419	272	0.34526	56	0.24437	73	904.4	49	6.853	111	0.36573	376
8800	0.13691	275	0.34582	55	0.24510	71	899.5	48	6.964	111	0.36949	372
8900	0.13966	278	0.34637	53	0.24581	69	894.7	47	7.075	112	0.37321	370
9000	0.14244	281	0.34690	53	0.24650	67	890.0	45	7.187	113	0.37691	367
9100	0.14525	283	0.34743	52	0.24717	65	885.5	45	7.300	113	0.38058	365
9200	0.14808	286	0.34795	52	0.24782	63	881.0	45	7.413	113	0.38423	362
9300	0.15094	289	0.34847	50	0.24845	62	876.5	45	7.526	115	0.38785	359
9400	0.15383	292	0.34897	49	0.24907	62	872.0	44	7.641	115	0.39144	357
9500	0.15675	295	0.34946	47	0.24969	61	867.6	44	7.756	115	0.39501	354
9600	0.15970	297	0.34993	46	0.25030	60	863.2	43	7.871	116	0.39855	352
9700	0.16267	301	0.35039	45	0.25090	60	858.9	43	7.987	117	0.40207	349
9800	0.16568	303	0.35084	44	0.25150	60	854.6	43	8.104	117	0.40556	347
9900	0.16871	306	0.35128	43	0.25210	60	850.3	43	8.221	118	0.40903	344
10000	0.17177	309	0.35171	41	0.25270	59	846.0	43	8.339	119	0.41247	342

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TABLE II. *V=2,200 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.17177	309	0.35171	41	0.25270	59	846.0	43	8.339	119	0.41247	342
10100	0.17486	312	0.35212	41	0.25329	58	841.7	42	8.458	119	0.41589	339
10200	0.17798	314	0.35253	40	0.25387	58	837.5	42	8.577	120	0.41928	337
10300	0.18112	317	0.35293	38	0.25445	58	833.3	42	8.697	120	0.42265	335
10400	0.18429	320	0.35331	38	0.25503	57	829.1	41	8.817	121	0.42600	333
10500	0.18749	323	0.35369	37	0.25560	57	825.0	41	8.938	122	0.42933	330
10600	0.19072	326	0.35406	37	0.25617	56	820.9	40	9.060	122	0.43263	328
10700	0.19398	329	0.35443	35	0.25673	56	816.9	40	9.182	123	0.43591	326
10800	0.19727	332	0.35478	34	0.25729	56	812.9	40	9.305	123	0.43917	324
10900	0.20059	335	0.35512	34	0.25785	55	808.9	39	9.428	124	0.44241	322
11000	0.20394	337	0.35546	33	0.25840	54	805.0	38	9.552	124	0.44563	320
11100	0.20731	341	0.35579	33	0.25894	54	801.2	38	9.676	125	0.44883	318
11200	0.21072	344	0.35612	33	0.25948	53	797.4	37	9.801	126	0.45201	316
11300	0.21416	346	0.35645	31	0.26001	53	793.7	37	9.927	126	0.45517	314
11400	0.21762	349	0.35676	31	0.26054	53	790.0	37	10.053	127	0.45831	312
11500	0.22111	352	0.35707	31	0.26107	53	786.3	37	10.180	128	0.46143	310
11600	0.22463	355	0.35738	30	0.26160	53	782.6	37	10.308	128	0.46453	309
11700	0.22818	359	0.35768	30	0.26213	53	778.9	37	10.436	128	0.46762	307
11800	0.23177	361	0.35798	29	0.26266	52	775.2	36	10.564	129	0.47069	305
11900	0.23538	364	0.35827	28	0.26318	52	771.6	36	10.693	130	0.47374	303
12000	0.23902	367	0.35855	28	0.26370	52	768.0	36	10.823	130	0.47677	301
12100	0.24269	370	0.35883	27	0.26422	52	764.4	36	10.953	131	0.47978	300
12200	0.24639	374	0.35910	27	0.26474	53	760.8	35	11.084	132	0.48278	298
12300	0.25013	376	0.35937	26	0.26527	53	757.3	35	11.216	132	0.48576	297
12400	0.25389	379	0.35963	26	0.26580	53	753.8	35	11.348	133	0.48873	295
12500	0.25768	382	0.35989	25	0.26633	53	750.3	35	11.481	134	0.49168	294
12600	0.26150	385	0.36014	25	0.26686	53	746.8	35	11.615	134	0.49462	292
12700	0.26535	389	0.36039	25	0.26739	53	743.3	35	11.749	135	0.49754	290
12800	0.26924	391	0.36064	24	0.26792	54	739.8	34	11.884	135	0.50044	289
12900	0.27315	394	0.36088	24	0.26846	54	736.4	34	12.019	136	0.50333	287
13000	0.27709	397	0.36112	23	0.26900	54	733.0	34	12.155	137	0.50620	286
13100	0.28106	400	0.36135	23	0.26954	55	729.6	33	12.292	137	0.50906	284
13200	0.28506	404	0.36158	23	0.27009	55	726.3	33	12.429	138	0.51190	283
13300	0.28910	407	0.36181	23	0.27064	55	723.0	33	12.567	138	0.51473	282
13400	0.29317	410	0.36204	22	0.27119	56	719.7	33	12.705	139	0.51755	280
13500	0.29727	413	0.36226	22	0.27175	56	716.4	33	12.844	140	0.52035	279
13600	0.30140	417	0.36248	22	0.27231	57	713.1	33	12.984	141	0.52314	278
13700	0.30557	420	0.36270	21	0.27288	57	709.8	33	13.125	141	0.52592	276
13800	0.30977	423	0.36291	21	0.27345	57	706.5	33	13.266	142	0.52868	275
13900	0.31400	426	0.36312	21	0.27402	58	703.2	32	13.408	143	0.53143	274
14000	0.31826	430	0.36333	21	0.27460	59	700.0	33	13.551	143	0.53417	273
14100	0.32256	433	0.36354	21	0.27519	60	696.7	32	13.694	144	0.53690	272
14200	0.32689	436	0.36375	21	0.27579	60	693.5	32	13.838	145	0.53962	271
14300	0.33125	440	0.36396	21	0.27639	61	690.3	32	13.983	145	0.54233	270
14400	0.33565	443	0.36417	21	0.27700	61	687.1	32	14.128	146	0.54503	269
14500	0.34008	446	0.36438	21	0.27761	61	683.9	32	14.274	147	0.54772	267
14600	0.34454	450	0.36459	21	0.27822	62	680.7	32	14.421	148	0.55039	267
14700	0.34904	453	0.36480	21	0.27884	62	677.5	32	14.569	148	0.55306	266
14800	0.35357	456	0.36501	21	0.27946	62	674.3	31	14.717	148	0.55572	265
14900	0.35813	459	0.36522	21	0.28008	62	671.2	32	14.865	150	0.55837	263
15000	0.36272	463	0.31543	21	0.28070	63	668.0	32	15.015	150	0.56100	262

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TABLE II. $V=2{,}200$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.36272	463	0.36543	21	0.28070	63	668.0	32	15.015	150	0.56100	262
15100	0.36735	466	0.36564	22	0.28133	64	664.8	31	15.165	151	0.25362	261
15200	0.37201	470	0.36586	22	0.28197	64	661.7	32	15.316	152	0.56623	261
15300	0.37671	474	0.36608	21	0.28261	64	658.5	31	15.468	152	0.56884	260
15400	0.38145	477	0.36629	22	0.28325	65	655.4	31	15.620	153	0.57144	259
15500	0.38622	481	0.36651	22	0.28390	65	652.3	31	15.773	154	0.57403	258
15600	0.39103	484	0.36673	22	0.28455	66	649.2	31	15.927	154	0.57661	257
15700	0.39587	488	0.36695	22	0.28521	66	646.1	30	16.081	155	0.57918	256
15800	0.40075	492	0.36717	22	0.28587	66	643.1	31	16.236	156	0.58174	256
15900	0.40567	495	0.36739	22	0.28653	67	640.0	30	16.392	156	0.58430	254
16000	0.41062	499	0.36761	22	0.28720	67	637.0	30	16.548	157	0.58684	254
16100	0.41561	502	0.36783	22	0.28787	67	634.0	29	16.705	158	0.58938	253
16200	0.42063	507	0.36805	22	0.28854	68	631.1	29	16.863	159	0.59191	253
16300	0.42570	510	0.36827	22	0.28922	68	628.2	29	17.022	159	0.59444	251
16400	0.43080	514	0.36849	22	0.28990	69	625.3	29	17.181	160	0.59695	251
16500	0.43594	518	0.36871	22	0.29059	69	622.4	29	17.341	161	0.59946	251
16600	0.44112	522	0.36893	23	0.29128	70	619.5	29	17.502	162	0.60197	250
16700	0.44634	525	0.36916	23	0.29198	70	616.6	29	17.664	162	0.60447	249
16800	0.45159	530	0.36939	23	0.29268	71	613.7	29	17.826	163	0.60696	248
16900	0.45689	533	0.36962	22	0.29339	71	610.8	28	17.989	164	0.60944	248
17000	0.46222	537	0.36984	22	0.29410	72	608.0	29	18.153	165	0.61192	247
17100	0.46759	541	0.37006	23	0.29482	73	605.1	28	18.318	166	0.61439	247
17200	0.47300	546	0.37029	23	0.29555	73	602.3	29	18.484	166	0.61686	246
17300	0.47846	549	0.37052	22	0.29628	73	599.4	28	18.650	167	0.61932	245
17400	0.48395	554	0.37074	23	0.29701	74	596.6	28	18.817	168	0.62177	245
17500	0.48949	557	0.37097	23	0.29775	74	593.8	28	18.985	169	0.62422	244
17600	0.49506	561	0.37120	23	0.29849	75	591.0	28	19.154	170	0.62666	244
17700	0.50067	566	0.37143	23	0.29924	75	588.2	28	19.324	170	0.62910	243
17800	0.50633	569	0.37166	23	0.29999	75	585.4	27	19.494	171	0.63153	243
17900	0.51202	574	0.37189	23	0.30074	76	582.7	27	19.665	172	0.63396	242
18000	0.51776	578	0.37212	23	0.30150	75	580.0	27	19.837	173	0.63638	242
18100	0.52354	582	0.37235	24	0.30225	76	577.3	26	20.010	173	0.63880	241
18200	0.52936	587	0.37259	23	0.30301	76	574.7	26	20.183	174	0.64121	240
18300	0.53523	591	0.37282	24	0.30377	77	572.1	26	20.357	175	0.64361	240
18400	0.54114	595	0.37306	24	0.30454	77	569.5	26	20.532	176	0.64601	240
18500	0.54709	599	0.37330	23	0.30531	77	566.9	26	20.708	177	0.64841	239
18600	0.55308	604	0.37353	24	0.30608	77	564.3	26	20.885	178	0.65080	239
18700	0.55912	608	0.37377	24	0.30685	78	561.7	26	21.063	178	0.65319	238
18800	0.56520	613	0.37401	24	0.30763	78	559.1	25	21.241	179	0.65557	238
18900	0.57133	617	0.37425	25	0.30841	79	556.6	26	21.420	180	0.65795	237
19000	0.57750	621	0.37450	25	0.30920	79	554.0	26	21.600	181	0.66032	237
19100	0.58371	626	0.37475	24	0.30999	80	551.4	25	21.781	181	0.66269	237
19200	0.58997	631	0.37499	25	0.31079	80	548.9	25	21.962	183	0.66506	236
19300	0.59628	636	0.37524	25	0.31159	81	546.4	25	22.145	184	0.66742	236
19400	0.60264	640	0.37549	25	0.31240	81	543.9	25	22.329	184	0.66978	236
19500	0.60904	645	0.37574	25	0.31321	81	541.4	25	22.513	185	0.67214	235
19600	0.61549	649	0.37599	25	0.31402	81	538.9	25	22.698	186	0.67449	235
19700	0.62198	654	0.37624	25	0.31483	82	536.4	25	22.884	187	0.67684	234
19800	0.62852	659	0.37649	25	0.31565	82	533.9	25	23.071	188	0.67918	234
19900	0.63511	664	0.37674	26	0.31647	83	531.4	24	23.259	189	0.68152	234
20000	0.64175	668	0.37700	26	0.31730	83	529.0	25	23.448	190	0.68386	233

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TABLE II. $V=2{,}250\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	63	0.25000	116	0.00000	353	2250.0	277	0.000	44	0.00000	361
100	0.00063	65	0.25116	115	0.00353	355	2222.3	274	0.044	45	0.00361	362
200	0.00128	66	0.25231	114	0.00708	357	2194.9	272	0.089	46	0.00723	365
300	0.00194	67	0.25345	113	0.01065	359	2167.7	269	0.135	47	0.01088	367
400	0.00261	69	0.25458	112	0.01424	360	2140.8	266	0.182	47	0.01455	369
500	0.00330	70	0.25570	111	0.01784	362	2114.2	265	0.229	47	0.01824	370
600	0.00400	71	0.25681	110	0.02146	363	2087.7	261	0.276	49	0.02194	371
700	0.00471	72	0.25791	109	0.02509	365	2061.6	259	0.325	48	0.02565	375
800	0.00543	74	0.25900	108	0.02874	367	2035.7	257	0.373	50	0.02940	377
900	0.00617	75	0.26008	107	0.03241	370	2010.0	254	0.423	50	0.03317	378
1000	0.00692	76	0.26115	106	0.03611	373	1984.6	255	0.473	50	0.03695	379
1100	0.00768	77	0.26221	106	0.03984	375	1959.1	251	0.523	52	0.04074	381
1200	0.00845	78	0.26327	107	0.04359	376	1934.0	250	0.575	52	0.04455	383
1300	0.00923	80	0.26434	107	0.04735	377	1909.0	246	0.627	52	0.04838	386
1400	0.01003	82	0.26541	108	0.05112	379	1884.4	244	0.679	54	0.05224	388
1500	0.01085	82	0.26649	108	0.05491	380	1860.0	241	0.733	54	0.05612	390
1600	0.01167	84	0.26757	109	0.05871	380	1835.9	238	0.787	55	0.06002	392
1700	0.01251	86	0.26866	110	0.06251	382	1812.1	235	0.842	55	0.06394	395
1800	0.01337	87	0.26976	111	0.06633	382	1788.6	233	0.897	57	0.06789	397
1900	0.01424	89	0.27087	113	0.07015	383	1765.3	230	0.954	57	0.07186	399
2000	0.01513	90	0.27200	114	0.07398	383	1742.3	230	1.011	58	0.07585	404
2100	0.01603	92	0.27314	115	0.07781	384	1719.3	227	1.069	58	0.07989	407
2200	0.01695	94	0.27429	117	0.08165	383	1696.6	223	1.127	59	0.08396	409
2300	0.01789	95	0.27546	118	0.08548	384	1674.3	220	1.186	60	0.08805	411
2400	0.01884	97	0.27664	119	0.08932	383	1652.3	217	1.246	62	0.09216	414
2500	0.01981	100	0.27783	120	0.09315	383	1630.6	214	1.308	61	0.09630	416
2600	0.02081	101	0.27903	122	0.09698	384	1609.2	211	1.369	63	0.10046	418
2700	0.02182	103	0.28025	124	0.10082	383	1588.1	207	1.432	63	0.10464	421
2800	0.02285	105	0.28149	126	0.10465	384	1567.4	204	1.495	65	0.10885	423
2900	0.02390	107	0.28275	128	0.10849	383	1547.0	201	1.560	65	0.11308	426
3000	0.02497	109	0.28403	130	0.11232	382	1526.9	206	1.625	66	0.11734	429
3100	0.02606	110	0.28533	130	0.11614	380	1506.3	202	1.691	67	0.12163	431
3200	0.02716	113	0.28663	130	0.11994	379	1486.1	197	1.758	67	0.12594	434
3300	0.02829	116	0.28793	129	0.12373	378	1466.4	194	1.825	69	0.13028	435
3400	0.02945	117	0.28922	129	0.12751	377	1447.0	189	1.894	69	0.13463	437
3500	0.03062	120	0.29051	128	0.13128	376	1428.1	186	1.963	71	0.13900	440
3600	0.03182	122	0.29179	128	0.13504	375	1409.5	181	2.034	71	0.14340	441
3700	0.03304	124	0.29307	128	0.13879	374	1391.4	177	2.105	73	0.14781	444
3800	0.03428	126	0.29435	128	0.14253	373	1373.7	173	2.178	73	0.15225	445
3900	0.03554	129	0.29563	127	0.14626	371	1356.4	169	2.251	74	0.15670	448
4000	0.03683	131	0.29690	129	0.14997	369	1339.5	167	2.325	75	0.16118	450
4100	0.03814	134	0.29819	129	0.15366	367	1322.8	165	2.400	77	0.16568	452
4200	0.03948	136	0.29948	129	0.15733	364	1306.3	163	2.477	77	0.17020	453
4300	0.04084	139	0.30077	129	0.16097	362	1290.0	159	2.554	78	0.17473	453
4400	0.04223	142	0.30206	129	0.16459	359	1274.1	155	2.632	79	0.17926	454
4500	0.04365	144	0.30335	128	0.16818	356	1258.6	151	2.711	80	0.18380	456
4600	0.04509	147	0.30463	128	0.17174	351	1243.5	146	2.791	81	0.18836	457
4700	0.04656	150	0.30591	128	0.17525	345	1228.9	140	2.872	81	0.19293	459
4800	0.04806	152	0.30719	128	0.17870	337	1214.9	134	2.953	83	0.19752	461
4900	0.04958	155	0.30847	127	0.18207	329	1201.5	128	3.036	83	0.20213	462
5000	0.05113	158	0.30974	129	0.18536	321	1188.7	123	3.119	85	0.20675	463

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TABLE II. $V=2{,}250\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.05113	158	0.30974	129	0.18536	321	1188.7	123	3.119	85	0.20675	463
5100	0.05271	162	0.31103	127	0.18857	312	1176.4	118	3.204	86	0.21138	463
5200	0.05433	164	0.31230	127	0.19169	302	1164.6	113	3.290	86	0.21601	463
5300	0.05597	167	0.31357	126	0.19471	291	1153.3	109	3.376	87	0.22064	463
5400	0.05764	170	0.31483	125	0.19762	281	1142.4	105	3.463	89	0.22527	463
5500	0.05934	172	0.31608	123	0.20043	271	1131.9	101	3.552	88	0.23090	463
5600	0.06106	175	0.31731	123	0.20314	261	1121.8	98	3.640	89	0.23453	462
5700	0.06281	179	0.31854	122	0.20575	251	1112.0	96	3.729	90	0.23915	462
5800	0.06460	181	0.31976	121	0.20826	241	1102.4	94	3.819	91	0.24377	462
5900	0.06641	184	0.32097	120	0.21067	231	1093.0	92	3.910	92	0.24839	460
6000	0.06825	187	0.32217	117	0.21298	222	1083.8	89	4.002	93	0.25299	458
6100	0.07012	191	0.32334	115	0.21520	214	1074.9	86	4.095	94	0.25757	455
6200	0.07203	193	0.32449	114	0.21734	206	1066.3	83	4.189	94	0.26212	454
6300	0.07396	196	0.32563	111	0.21940	197	1058.0	80	4.283	95	0.26666	451
6400	0.07592	199	0.32674	110	0.22137	189	1050.0	77	4.378	96	0.27117	450
6500	0.07791	201	0.32784	108	0.22326	181	1042.3	74	4.474	95	0.27567	448
6600	0.07992	205	0.32892	106	0.22507	173	1034.9	71	4.569	97	0.28015	446
6700	0.08197	208	0.32998	105	0.22680	165	1027.8	68	4.666	97	0.28461	444
6800	0.08405	211	0.33103	102	0.22845	158	1021.0	65	4.763	98	0.28905	441
6900	0.08616	213	0.33205	101	0.23003	151	1014.5	62	4.861	99	0.29346	439
7000	0.08829	216	0.33306	98	0.23154	145	1008.3	61	4.960	100	0.29785	436
7100	0.09045	220	0.33404	95	0.23299	139	1002.2	61	5.060	100	0.30221	433
7200	0.09265	222	0.33499	93	0.23438	134	996.1	60	5.160	101	0.30654	430
7300	0.09487	225	0.33592	91	0.23572	128	990.1	59	5.261	101	0.31084	426
7400	0.09712	228	0.33683	90	0.23700	122	984.2	59	5.362	102	0.31510	424
7500	0.09940	231	0.33773	87	0.23822	116	978.3	58	5.464	103	0.31934	421
7600	0.10171	233	0.33860	85	0.23938	111	972.5	58	5.567	103	0.32355	419
7700	0.10404	237	0.33945	84	0.24049	105	966.7	57	5.670	104	0.32774	416
7800	0.10641	239	0.34029	81	0.24154	100	961.0	56	5.774	104	0.33190	413
7900	0.10880	242	0.34110	79	0.24254	96	955.4	56	5.878	105	0.33603	410
8000	0.11122	245	0.34189	76	0.24350	94	949.8	53	5.983	106	0.34013	406
8100	0.11367	248	0.34265	74	0.24444	90	944.5	52	6.089	106	0.34419	404
8200	0.11615	250	0.34339	73	0.24534	88	939.3	52	6.195	107	0.34823	400
8300	0.11865	253	0.34412	70	0.24622	85	934.1	51	6.302	107	0.35223	398
8400	0.12118	257	0.34482	69	0.24707	83	929.0	50	6.409	108	0.35621	395
8500	0.12375	259	0.34551	66	0.24790	79	924.0	51	6.517	109	0.36016	391
8600	0.12634	262	0.34617	65	0.24869	76	918.9	50	6.626	109	0.36407	389
8700	0.12896	264	0.34682	63	0.24945	73	913.9	49	6.735	110	0.36796	387
8800	0.13160	268	0.34745	61	0.25018	71	909.0	49	6.845	110	0.37183	383
8900	0.13428	270	0.34806	59	0.25089	68	904.1	49	6.955	111	0.37566	380
9000	0.13698	273	0.34865	57	0.25157	68	899.2	47	7.066	112	0.37946	377
9100	0.13971	276	0.34922	56	0.25225	67	894.5	47	7.178	112	0.38323	375
9200	0.14247	278	0.34978	54	0.25292	66	889.8	47	7.290	112	0.38698	372
9300	0.14525	282	0.35032	53	0.25358	65	885.1	46	7.402	114	0.39070	369
9400	0.14807	284	0.35085	52	0.25423	64	880.5	46	7.516	114	0.39439	366
9500	0.15091	287	0.35137	50	0.25487	61	875.9	45	7.630	114	0.39805	364
9600	0.15378	290	0.35187	49	0.25548	61	871.4	45	7.744	115	0.40169	361
9700	0.15668	293	0.35236	47	0.25609	60	866.9	45	7.859	116	0.40530	358
9800	0.15961	296	0.35283	46	0.25669	58	862.4	44	7.975	116	0.40888	356
9900	0.16257	298	0.35329	44	0.25727	57	858.0	44	8.091	117	0.41244	353
10000	0.16555	301	0.35373	44	0.25784	59	853.6	42	8.208	117	0.41597	350

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TABLE II. $V=2{,}250$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.16555	301	0.35373	44	0.25784	59	853.6	42	8.208	117	0.41597	350
10100	0.15856	304	0.35417	42	0.25843	57	849.4	43	8.325	118	0.41947	348
10200	0.17160	307	0.35459	42	0.25900	58	845.1	42	8.443	119	0.42295	346
10300	0.17467	310	0.35501	40	0.25958	56	840.9	41	8.562	119	0.42641	343
10400	0.17777	313	0.35541	40	0.26014	57	836.8	41	8.681	120	0.42984	342
10500	0.18090	315	0.35581	39	0.26071	55	832.7	42	8.801	120	0.43326	339
10600	0.18405	318	0.35620	38	0.26126	55	828.5	40	8.921	121	0.43665	336
10700	0.18723	321	0.35658	36	0.26181	54	824.5	41	9.042	122	0.44001	335
10800	0.19044	324	0.35694	36	0.26235	54	820.4	40	9.164	122	0.44336	332
10900	0.19368	327	0.35730	35	0.26289	53	816.4	40	9.286	123	0.44668	330
11000	0.19695	330	0.35765	34	0.26342	52	812.4	38	9.409	123	0.44998	328
11100	0.20025	333	0.35799	34	0.26394	52	808.6	38	9.532	124	0.45326	327
11200	0.20358	335	0.35833	33	0.26446	51	804.8	38	9.656	125	0.45653	324
11300	0.20693	339	0.35866	32	0.26497	52	801.0	38	9.781	125	0.45977	323
11400	0.21032	341	0.35898	32	0.26549	51	797.2	37	9.906	126	0.46300	321
11500	0.21373	345	0.35930	31	0.26600	51	793.5	38	10.032	126	0.46621	318
11600	0.21718	347	0.35961	31	0.26651	50	789.7	37	10.158	127	0.46939	317
11700	0.22065	351	0.35992	29	0.26701	50	786.0	37	10.285	127	0.47256	314
11800	0.22416	353	0.36021	30	0.26751	50	782.3	36	10.412	128	0.47570	313
11900	0.22769	356	0.36051	28	0.26801	50	778.7	37	10.540	129	0.47883	311
12000	0.23125	359	0.36079	27	0.26851	50	775.0	36	10.669	129	0.48194	309
12100	0.23484	362	0.36106	26	0.26901	51	771.4	36	10.798	130	0.48503	307
12200	0.23846	365	0.36132	26	0.26952	50	767.8	36	10.928	131	0.48810	305
12300	0.24211	368	0.36158	26	0.27002	50	764.2	35	11.059	131	0.49115	304
12400	0.24579	372	0.36184	26	0.27052	51	760.7	36	11.190	132	0.49419	302
12500	0.24951	374	0.36210	26	0.27103	51	757.1	35	11.322	132	0.49721	300
12600	0.25325	377	0.36236	25	0.27154	51	753.6	35	11.454	133	0.50021	299
12700	0.25702	380	0.36261	25	0.27205	51	750.1	35	11.587	134	0.50320	297
12800	0.26082	383	0.36286	25	0.27256	52	746.6	35	11.721	134	0.50617	295
12900	0.26465	386	0.36311	25	0.27308	51	743.1	35	11.855	135	0.50912	294
13000	0.26851	389	0.36336	23	0.27359	52	739.6	34	11.990	135	0.51206	292
13100	0.27240	392	0.36359	24	0.27411	52	736.2	35	12.125	137	0.51498	291
13200	0.27632	395	0.36383	23	0.27463	53	732.7	34	12.262	136	0.51789	289
13300	0.28027	399	0.36406	23	0.27516	53	729.3	34	12.398	138	0.52078	288
13400	0.28426	401	0.36429	23	0.27569	54	725.9	34	12.536	138	0.52366	286
13500	0.28827	405	0.36452	23	0.27623	54	722.5	34	12.674	139	0.52652	285
13600	0.29232	409	0.36475	23	0.27677	54	719.1	33	12.813	139	0.52937	284
13700	0.29641	411	0.36498	22	0.27731	54	715.8	34	12.952	140	0.53221	282
13800	0.30052	414	0.36520	23	0.27785	55	712.4	33	13.092	141	0.53503	281
13900	0.30466	418	0.36543	22	0.27840	55	709.1	33	13.233	141	0.53784	280
14000	0.30884	421	0.36565	22	0.27895	56	705.8	33	13.374	142	0.54064	279
14100	0.31305	424	0.36587	22	0.27951	56	702.5	33	13.516	143	0.54343	278
14200	0.31729	428	0.36609	22	0.28007	56	699.2	32	13.659	143	0.54621	276
14300	0.32157	430	0.36631	21	0.28063	57	696.0	33	13.802	144	0.54897	276
14400	0.32587	435	0.36652	22	0.28120	58	692.7	32	13.946	145	0.55173	274
14500	0.33022	437	0.36674	21	0.28178	57	689.5	33	14.091	145	0.55447	273
14600	0.33459	441	0.36695	22	0.28235	59	686.2	32	14.236	146	0.55720	272
14700	0.33900	445	0.36717	21	0.28294	58	683.0	32	14.382	147	0.55992	271
14800	0.34345	447	0.36738	22	0.28352	60	679.8	31	14.529	148	0.56263	270
14900	0.34792	451	0.36760	21	0.28412	59	676.7	32	14.677	148	0.56533	269
15000	0.35243	454	0.36781	21	0.28471	60	673.5	31	14.825	149	0.56802	268

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TABLE II. *V=2,250 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.35243	454	0.36781	21	0.28471	60	673.5	31	14.825	149	0.56802	268
15100	0.35697	458	0.36802	21	0.28531	61	670.4	31	14.974	150	0.57070	266
15200	0.36155	461	0.36823	21	0.28592	61	667.3	32	15.124	150	0.57336	266
15300	0.36616	465	0.36844	20	0.28653	61	664.1	31	15.274	151	0.57602	265
15400	0.37181	468	0.36864	21	0.28714	62	661.1	30	15.425	152	0.57867	264
15500	0.37649	472	0.36885	21	0.28776	62	658.0	31	15.577	152	0.58131	263
15600	0.38121	475	0.36906	22	0.28838	63	654.9	30	15.729	153	0.58394	262
15700	0.38596	479	0.36928	21	0.28901	63	651.9	31	15.882	154	0.58656	261
15800	0.39075	482	0.36949	21	0.28964	64	648.8	30	16.036	155	0.58917	260
15900	0.39557	486	0.36970	21	0.29028	64	645.8	30	16.191	155	0.59177	259
16000	0.39943	489	0.36991	21	0.29092	66	642.8	30	16.346	156	0.59436	258
16100	0.40432	494	0.37012	21	0.29158	65	639.8	30	16.502	157	0.59694	258
16200	0.40926	497	0.37033	22	0.29223	66	636.8	30	16.659	157	0.59952	257
16300	0.41423	500	0.37055	21	0.29289	67	633.8	29	16.816	158	0.60209	256
16400	0.41923	505	0.37076	21	0.29356	67	630.9	30	16.974	160	0.60465	256
16500	0.42428	508	0.37097	21	0.29423	67	627.9	29	17.134	159	0.60721	254
16600	0.42936	512	0.37118	21	0.29490	67	625.0	29	17.293	160	0.60975	254
16700	0.43448	515	0.37139	22	0.29557	68	622.1	29	17.453	161	0.61229	253
16800	0.43963	520	0.37161	21	0.29625	68	619.2	29	17.614	162	0.61482	252
16900	0.44483	523	0.37182	21	0.29693	68	616.3	29	17.776	163	0.61734	252
17000	0.45006	527	0.37203	22	0.29761	69	613.4	28	17.939	163	0.61986	251
17100	0.45533	531	0.37225	21	0.29830	70	610.6	29	18.102	164	0.62237	251
17200	0.46064	536	0.37246	22	0.29900	70	607.7	28	18.266	165	0.62488	250
17300	0.46600	539	0.37268	22	0.29970	71	604.9	28	18.431	166	0.62738	249
17400	0.47139	543	0.37290	22	0.30041	71	602.1	28	18.597	167	0.62987	249
17500	0.47682	547	0.37312	22	0.30112	71	599.3	28	18.764	167	0.63236	248
17600	0.48229	551	0.37334	22	0.30183	71	596.5	28	18.931	168	0.63484	247
17700	0.48780	556	0.37356	22	0.30254	72	593.7	28	19.099	169	0.63731	247
17800	0.49336	559	0.37378	23	0.30326	72	590.9	27	19.268	170	0.63978	246
17900	0.49895	563	0.37401	22	0.30398	73	588.2	28	19.438	170	0.64224	246
18000	0.50458	568	0.37423	22	0.30471	73	585.4	27	19.608	171	0.64470	245
18100	0.51026	571	0.37445	23	0.30544	74	582.7	28	19.779	172	0.64715	244
18200	0.51597	576	0.37468	23	0.30618	74	579.9	27	19.951	172	0.64959	244
18300	0.52173	581	0.37491	22	0.30692	75	577.2	27	20.123	174	0.65203	244
18400	0.52754	584	0.37513	23	0.30767	75	574.5	27	20.297	174	0.65447	243
18500	0.53338	589	0.37536	23	0.30842	75	571.8	27	20.471	175	0.65690	242
18600	0.53927	592	0.37559	23	0.30917	76	569.1	26	20.646	177	0.65932	242
18700	0.54519	597	0.37582	23	0.30993	76	566.5	26	20.823	176	0.66174	242
18800	0.55116	602	0.37605	23	0.31069	76	563.9	27	20.999	178	0.66416	241
18900	0.55718	605	0.37628	23	0.31145	77	561.2	26	21.177	179	0.66657	240
19000	0.56323	610	0.37651	24	0.31222	76	558.6	26	21.356	179	0.66897	240
19100	0.56933	615	0.37675	23	0.31298	77	556.0	26	21.535	180	0.67137	240
19200	0.57548	620	0.37698	24	0.31375	77	553.4	26	21.715	181	0.67377	240
19300	0.58168	625	0.37722	24	0.31452	78	550.8	25	21.896	182	0.67617	239
19400	0.58793	629	0.37746	24	0.31530	78	548.3	26	22.078	183	0.67856	239
19500	0.59422	634	0.37770	24	0.31608	78	545.7	25	22.261	184	0.68095	238
19600	0.60056	637	0.37794	24	0.31686	79	543.2	26	22.445	184	0.68333	238
19700	0.60693	643	0.37818	25	0.31765	80	540.6	25	22.629	186	0.68571	238
19800	0.61336	647	0.37843	24	0.31845	80	538.1	25	22.815	186	0.68809	237
19900	0.61983	652	0.37867	25	0.31925	80	535.6	25	23.001	187	0.69046	237
20000	0.62635	657	0.37892	24	0.32005	80	533.1	25	23.188	188	0.69283	237

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TABLE II. $V=2{,}300$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	61	0.25000	115	0.00000	360	2300.0	281	0.000	44	0.00000	352
100	0.00061	62	0.25115	114	0.00360	358	2271.9	278	0.044	44	0.00352	354
200	0.00123	64	0.25229	113	0.00718	358	2244.1	276	0.088	45	0.00706	357
300	0.00187	64	0.25342	112	0.01076	358	2216.5	274	0.133	45	0.01063	359
400	0.00251	66	0.25454	111	0.01434	359	2189.1	271	0.178	46	0.01422	362
500	0.00317	67	0.25565	111	0.01793	360	2162.0	269	0.224	47	0.01784	365
600	0.00384	67	0.25676	110	0.02153	362	2135.1	266	0.271	47	0.02149	367
700	0.00451	69	0.25786	109	0.02515	364	2108.5	264	0.318	48	0.02516	370
800	0.00520	70	0.25895	108	0.02879	365	2082.1	262	0.366	48	0.02886	373
900	0.00590	71	0.26003	107	0.03244	366	2055.9	259	0.414	49	0.03259	375
1000	0.00661	72	0.26110	106	0.03610	368	2030.0	257	0.463	50	0.03634	378
1100	0.00733	74	0.26216	106	0.03978	369	2004.3	255	0.513	50	0.04012	381
1200	0.00807	75	0.26322	107	0.04347	370	1978.8	252	0.563	51	0.04393	383
1300	0.00882	76	0.26429	107	0.04717	372	1953.6	250	0.614	51	0.04776	385
1400	0.00958	78	0.26536	108	0.05089	373	1928.6	247	0.665	52	0.05161	388
1500	0.01036	79	0.26644	108	0.05462	375	1903.9	245	0.717	53	0.05549	391
1600	0.01115	81	0.26752	109	0.05837	376	1879.4	242	0.770	54	0.05940	393
1700	0 01196	82	0.26861	110	0.06213	378	1855.2	240	0.824	54	0.06333	396
1800	0.01278	83	0.26971	111	0.06591	379	1831.2	237	0.878	55	0.06729	398
1900	0.01361	82	0.27082	113	0.06970	380	1807.5	235	0.933	56	0.07127	401
2000	0.01446	86	0.27195	114	0.07350	380	1784.0	232	0.989	56	0.07528	403
2100	0.01532	88	0.27309	115	0.07730	380	1760.8	229	1.045	57	0.07931	405
2200	0.01620	90	0.27424	117	0.08110	380	1737.9	227	1.102	58	0.08336	408
2300	0.01710	92	0.27541	118	0.08490	380	1715.2	224	1.160	59	0.08744	410
2400	0.01802	93	0.27659	119	0.08870	381	1692.8	221	1.219	60	0.09154	413
2500	0.01895	95	0.27778	121	0.09251	382	1670.7	219	1.279	60	0.09567	415
2600	0.01990	96	0.27899	122	0.09633	383	1648.8	216	1.339	61	0.09982	417
2700	0.02086	98	0.28021	123	0.10016	384	1627.2	213	1.400	62	0.10399	419
2800	0.02184	100	0.28144	124	0.10400	385	1605.9	211	1.462	63	0.10818	422
2900	0.02284	102	0.28268	125	0.10785	385	1584.8	209	1.525	63	0.11240	424
3000	0.02386	104	0.28393	127	0.11170	385	1563.9	206	1.588	64	0.11664	426
3100	0.02490	106	0.28520	127	0.11555	383	1543.3	203	1.652	65	0.12090	429
3200	0.02596	107	0.28647	127	0.11938	381	1523.0	201	1.717	66	0.12519	431
3300	0.02703	110	0.28774	127	0.12319	378	1502.9	198	1.783	67	0.12950	433
3400	0.02813	112	0.28901	128	0.12697	376	1483.1	195	1.850	68	0.13383	435
3500	0.02925	115	0.29029	129	0.13073	375	1463.6	191	1.918	69	0.13818	437
3600	0.03040	116	0.29158	129	0.13448	376	1444.5	188	1.987	70	0.14255	439
3700	0.03156	118	0.29287	130	0.13824	377	1425.7	185	2.057	70	0.14694	441
3800	0.03274	120	0.29417	130	0.14201	379	1407.2	183	2.127	71	0.15135	444
3900	0.03394	123	0.29547	131	0.14580	380	1388.9	181	2.198	73	0.15579	446
4000	0.03517	125	0.29678	130	0.14960	380	1370.8	179	2.271	73	0.16025	450
4100	0.03642	128	0.29808	129	0.15340	379	1352.9	176	2.344	74	0.16475	451
4200	0.03770	130	0.29937	128	0.15719	376	1335.3	171	2.418	76	0.16926	452
4300	0.03900	133	0.30065	128	0.16095	371	1318.2	166	2.494	76	0.17378	454
4400	0.04033	135	0.30193	128	0.16466	365	1301.6	161	2.570	77	0.17832	455
4500	0.04168	138	0.30321	128	0.16831	359	1285.5	157	2.647	78	0.18287	457
4600	0.04306	140	0.30449	128	0.17190	353	1269.8	152	2.725	79	0.18744	458
4700	0.04446	143	0.30577	127	0.17543	348	1254.6	147	2.804	81	0.19202	460
4800	0.04589	146	0.30704	127	0.17891	342	1239.9	142	2.885	81	0.19662	461
4900	0.04735	148	0.30831	127	0.18233	337	1225.7	137	2.966	82	0.20123	463
5000	0.04883	151	0.30958	128	0.18570	333	1212.0	130	3.048	83	0.20586	465

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TABLE II. *V=2,300 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.04883	151	0.30958	128	0.18570	333	1212.0	130	3.048	83	0.20586	465
5100	0.05034	153	0.31086	128	0.18903	328	1199.0	125	3.131	84	0.21051	465
5200	0.05187	157	0.31214	127	0.19231	320	1186.5	122	3.215	85	0.21516	465
5300	0.05344	160	0.31341	126	0.19551	310	1174.3	118	3.300	86	0.21981	465
5400	0.05504	162	0.31467	126	0.19861	300	1162.5	114	3.386	87	0.22446	465
5500	0.05666	165	0.31593	125	0.20161	290	1151.1	110	3.473	87	0.22911	465
5600	0.05831	169	0.31718	125	0.20451	279	1140.1	106	3.560	88	0.23376	465
5700	0.06000	171	0.31843	124	0.20730	270	1129.5	102	3.648	89	0.23841	466
5800	0.06171	174	0.31967	123	0.21000	260	1119.3	98	3.737	90	0.24307	465
5900	0.06345	177	0.32090	122	0.21260	250	1109.5	95	3.827	90	0.24772	465
6000	0.06522	180	0.32212	122	0.21510	241	1100.0	92	3.917	91	0.25237	464
6100	0.06702	183	0.32334	120	0.21751	232	1090.8	89	4.008	92	0.25701	462
6200	0.06885	185	0.32454	119	0.21983	223	1081.9	86	4.100	93	0.26163	460
6300	0.07070	189	0.32573	117	0.22206	214	1073.3	84	4.193	94	0.26623	459
6400	0.07259	191	0.32690	116	0.22420	206	1064.9	81	4.287	94	0.27082	457
6500	0.07450	195	0.32806	114	0.22626	197	1056.8	79	4.381	95	0.27539	455
6600	0.07645	197	0.32920	113	0.22823	188	1048.9	76	4.476	95	0.27994	454
6700	0.07842	201	0.33033	112	0.23011	179	1041.3	74	4.571	96	0.28448	452
6800	0.08043	203	0.33145	110	0.23190	169	1033.9	71	4.667	97	0.28900	451
6900	0.08246	206	0.33255	109	0.23359	161	1026.8	68	4.764	98	0.29351	449
7000	0.08452	209	0.33364	107	0.23520	154	1020.0	66	4.862	99	0.29800	446
7100	0.08661	212	0.33471	105	0.23674	146	1013.4	65	4.961	99	0.30246	443
7200	0.08873	215	0.33576	103	0.23820	140	1006.9	64	5.060	99	0.30689	440
7300	0.09088	217	0.33679	100	0.23960	137	1000.5	62	5.159	100	0.31129	437
7400	0.09305	221	0.33779	98	0.24097	134	994.3	61	5.259	101	0.31566	434
7500	0.09526	223	0.33877	96	0.24231	129	988.2	59	5.360	102	0.32000	431
7600	0.09749	226	0.33973	93	0.24360	123	982.3	58	5.462	102	0.32431	428
7700	0.09975	229	0.34066	91	0.24483	116	976.5	56	5.564	103	0.32859	425
7800	0.10204	232	0.34157	89	0.24599	109	970.9	55	5.667	103	0.33284	423
7900	0.10436	235	0.34246	87	0.24708	102	965.4	54	5.770	104	0.33707	419
8000	0.10671	238	0.34333	84	0.24810	97	960.0	55	5.874	104	0.34126	416
8100	0.10909	240	0.34417	80	0.24907	93	954.5	54	5.978	105	0.34542	413
8200	0.11149	243	0.34497	76	0.25000	90	949.1	54	6.083	106	0.34955	411
8300	0.11392	246	0.34573	72	0.25090	88	943.7	53	6.189	106	0.35366	408
8400	0.11638	249	0.34645	69	0.25178	86	938.4	52	6.295	107	0.35774	404
8500	0.11887	252	0.34714	66	0.25264	84	933.2	52	6.402	108	0.36178	401
8600	0.12139	254	0.34780	65	0.25348	82	928.0	51	6.510	108	0.36579	399
8700	0.12393	257	0.34845	63	0.25430	80	922.9	50	6.618	109	0.36978	397
8800	0.12650	260	0.34908	61	0.25510	77	917.9	50	6.727	109	0.37375	393
8900	0.12910	263	0.34969	60	0.25587	73	912.9	49	6.836	110	0.37768	390
9000	0.13173	266	0.35029	60	0.25660	68	908.0	49	6.946	110	0.38158	387
9100	0.13439	268	0.35089	59	0.25728	65	903.1	49	7.056	111	0.38545	384
9200	0.13707	271	0.35148	58	0.25793	63	898.2	49	7.167	112	0.38929	381
9300	0.13978	274	0.35206	56	0.25856	64	893.3	48	7.279	112	0.39310	379
9400	0.14252	277	0.35262	55	0.25920	65	888.5	47	7.391	113	0.39689	376
9500	0.14529	279	0.35317	53	0.25985	65	883.8	47	7.504	113	0.40065	372
9600	0 14808	283	0.35370	52	0.26050	65	879.1	46	7.617	114	0.40437	367
9700	0.15091	285	0.35422	51	0.26115	63	874.5	45	7.731	115	0.40804	372
9800	0.15376	287	0.35473	49	0.26178	62	870.0	45	7.846	115	0.41176	366
9900	0.15663	291	0.35522	48	0.26240	60	865.5	45	7.961	116	0.41542	362
10000	0.15954	294	0.35570	47	0.26300	57	861.0	43	8.077	116	0.41904	360

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TABLE II. *V=2,300 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.15954	294	0.35570	47	0.26300	57	861.0	43	8.077	116	0.41904	360
10100	0.16248	297	0.35617	45	0.26357	57	856.7	41	8.193	117	0.42264	358
10200	0.16545	299	0.35662	45	0.26414	56	852.6	41	8.310	118	0.42622	355
10300	0.16844	303	0.35707	43	0.26470	55	848.5	42	8.428	118	0.42977	353
10400	0.17147	305	0.35750	42	0.26525	54	844.3	41	8.546	119	0.43330	351
10500	0.17452	308	0.35792	41	0.26579	54	840.2	41	8.665	119	0.43681	348
10600	0.17760	311	0.35833	40	0.26633	53	836.1	40	8.784	120	0.44029	346
10700	0.18071	314	0.35873	39	0.26686	52	832.1	40	8.904	120	0.44375	343
10800	0.18385	317	0.35912	38	0.26738	51	828.1	40	9.024	121	0.44718	341
10900	0.18702	319	0.35950	37	0.26789	51	824.1	41	9.145	122	0.45059	339
11000	0.19021	322	0.35987	36	0.26840	50	820.0	40	9.267	122	0.45398	337
11100	0.19343	325	0.36023	35	0.26890	50	816.0	40	9.389	123	0.45735	334
11200	0.19668	328	0.36058	35	0.26940	50	812.0	40	9.512	124	0.46069	332
11300	0.19996	331	0.36093	33	0.26990	49	808.0	40	9.636	124	0.46401	330
11400	0.20327	333	0.36126	33	0.27039	49	804.0	39	9.760	125	0.46731	329
11500	0.20660	337	0.36159	32	0.27088	49	800.1	39	9.885	125	0.47060	326
11600	0.20997	340	0.36191	32	0.27137	49	796.2	38	10.010	126	0.47386	324
11700	0.21337	343	0.36223	31	0.27186	48	792.4	38	10.136	126	0.47710	322
11800	0.21680	345	0.36254	30	0.27234	48	788.6	38	10.262	127	0.48032	320
11900	0.22025	349	0.36284	29	0.27282	48	784.8	37	10.389	128	0.48352	318
12000	0.22374	351	0.36313	29	0.27330	49	781.1	37	10.517	128	0.48670	317
12100	0.22725	354	0.36342	28	0.27379	48	777.4	36	10.645	129	0.48987	315
12200	0.23079	357	0.36370	27	0.27427	49	773.8	36	10.774	130	0.49302	313
12300	0.23436	360	0.36397	27	0.27476	49	770.2	35	10.904	130	0.49615	311
12400	0.23796	364	0.36424	27	0.27525	49	766.7	35	11.034	131	0.49926	310
12500	0.24160	366	0.36451	26	0.27574	49	763.2	35	11.165	131	0.50236	308
12600	0.24526	369	0.36477	25	0.27623	49	759.7	35	11.296	132	0.50544	305
12700	0.24895	373	0.36502	25	0.27672	49	756.2	34	11.428	133	0.50849	303
12800	0.25268	375	0.36527	24	0.27721	50	752.8	34	11.561	133	0.51152	302
12900	0.25643	379	0.36551	24	0.27771	49	749.4	34	11.694	134	0.51454	300
13000	0.26022	381	0.36575	24	0.27820	50	746.0	34	11.828	135	0.51754	299
13100	0.26403	383	0.36599	24	0.27870	50	742.6	35	11.963	135	0.52053	297
13200	0.26786	387	0.36623	23	0.27920	50	739.1	34	12.098	136	0.52351	296
13300	0.27173	391	0.36646	23	0.27970	51	735.7	34	12.234	136	0.52647	295
13400	0.27564	393	0.36669	23	0.28021	51	732.3	34	12.370	136	0.52942	293
13500	0.27957	397	0.36692	23	0.28072	51	728.9	34	12.506	138	0.53235	292
13600	0.28354	400	0.36715	22	0.28123	51	725.5	34	12.644	138	0.53527	290
13700	0.28754	403	0.36737	23	0.28174	52	722.1	34	12.782	139	0.53817	289
13800	0.29157	406	0.36760	22	0.28226	52	718.7	33	12.921	139	0.54106	287
13900	0.29563	410	0.36782	21	0.28278	52	715.4	34	13.060	140	0.54393	286
14000	0.29973	413	0.36803	22	0.28330	52	712.0	34	13.200	141	0.54679	285
14100	0.30386	416	0.36825	21	0.28382	52	708.6	33	13.341	141	0.54964	283
14200	0.30802	419	0.36846	21	0.28434	53	705.3	33	13.482	142	0.55247	282
14300	0.31221	423	0.36867	21	0.28487	54	702.0	34	13.624	143	0.55529	281
14400	0.31644	426	0.36888	21	0.28541	54	698.6	33	13.767	144	0.55810	280
14500	0.32070	429	0.36909	21	0.28595	54	695.3	33	13.911	144	0.56090	278
14600	0.32499	432	0.36930	21	0.28649	54	692.0	32	14.055	145	0.56368	277
14700	0.32931	436	0.36951	20	0.28703	55	688.8	33	14.200	145	0.56645	276
14800	0.33367	439	0.36971	21	0.28758	56	685.5	33	14.345	146	0.56921	275
14900	0.33806	442	0.36992	20	0.28814	56	682.2	32	14.491	147	0.57196	273
15000	0.34248	445	0.37012	20	0.28870	58	679.0	32	14.638	148	0.57469	273

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TABLE II. *V=2,300 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.34248	445	0.37012	20	0.28870	58	679.0	32	14.638	148	0.57469	273
15100	0.34693	449	0.37032	20	0.28928	58	675.8	32	14.786	148	0.57742	272
15200	0.35142	453	0.37052	20	0.28986	59	672.6	31	14.934	149	0.58014	270
15300	0.35595	456	0.37072	20	0.29045	59	669.5	31	15.083	150	0.58284	269
15400	0.36051	459	0.37092	20	0.29104	60	666.4	31	15.233	151	0.58553	269
15500	0.36510	463	0.37112	20	0.29164	60	663.3	31	15.384	151	0.58822	268
15600	0.36973	466	0.37132	20	0.29224	61	660.2	31	15.535	152	0.59090	267
15700	0.37439	470	0.37152	20	0.29285	61	657.1	31	15.687	152	0.59357	265
15800	0.37909	473	0.37172	19	0.29346	62	654.0	30	15.839	153	0.59622	265
15900	0.38382	477	0.37191	20	0.29408	62	651.0	30	15.992	154	0.59887	264
16000	0.38859	480	0.37211	20	0.29470	62	648.0	29	16.146	155	0.60151	263
16100	0.39339	484	0.37231	20	0.29532	63	645.1	30	16.301	155	0.60414	262
16200	0.39823	488	0.37251	20	0.29595	63	642.1	29	16.456	155	0.60676	261
16300	0.40311	492	0.37271	20	0.29658	63	639.2	29	16.612	157	0.60937	261
16400	0.40803	495	0.37291	21	0.29721	64	636.3	29	16.769	158	0.61198	260
16500	0.41298	499	0.37312	20	0.29785	64	633.4	29	16.927	158	0.61458	259
16600	0.41797	502	0.37332	20	0.29849	65	630.5	29	17.085	159	0.61717	258
16700	0.42299	506	0.37352	21	0.29914	65	627.6	29	17.244	160	0.61975	257
16800	0.42805	510	0.37373	20	0.29979	65	624.7	28	17.404	160	0.62232	257
16900	0.43315	514	0.37393	21	0.30044	66	621.9	29	17.564	161	0.62489	256
17000	0.43829	517	0.37414	21	0.30110	66	619.0	29	17.725	162	0.62745	255
17100	0.44346	521	0.37435	21	0.30176	66	616.1	30	17.887	163	0.63000	255
17200	0.44867	526	0.37456	21	0.30242	67	613.1	29	18.050	163	0.63255	254
17300	0.45393	529	0.37477	22	0.30309	67	610.2	29	18.213	164	0.63509	253
17400	0.45922	533	0.37499	21	0.30376	68	607.3	29	18.377	165	0.63762	252
17500	0.46455	537	0.37520	22	0.30444	68	604.4	29	18.542	166	0.64014	252
17600	0.46992	541	0.37542	21	0.30512	69	601.5	29	18.708	167	0.64266	251
17700	0.47533	546	0.37563	22	0.30581	69	598.6	29	18.875	168	0.64517	251
17800	0.48079	549	0.37585	22	0.30650	70	595.7	28	19.043	168	0.64768	250
17900	0.48628	553	0.37607	22	0.30720	70	592.9	29	19.211	169	0.65018	249
18000	0.49181	557	0.37629	22	0.30790	71	590.0	27	19.380	170	0.65267	249
18100	0.49738	562	0.37651	22	0.30861	72	587.3	28	19.550	171	0.65516	248
18200	0.50300	566	0.37673	22	0.30933	72	584.5	27	19.721	171	0.65764	248
18300	0.50866	570	0.37695	22	0.31005	72	581.8	27	19.892	172	0.66012	247
18400	0.51436	574	0.37717	23	0.31077	73	579.1	27	20.064	173	0.66259	246
18500	0.52010	578	0.37740	22	0.31150	73	576.4	27	20.237	174	0.66505	246
18600	0.52588	582	0.37762	22	0.31223	74	573.7	27	20.411	175	0.66751	246
18700	0.53170	587	0.37784	23	0.31297	74	571.0	27	20.586	176	0.66997	245
18800	0.53757	591	0.37807	22	0.31371	74	568.3	26	20.762	176	0.67242	244
18900	0.54348	595	0.37829	23	0.31445	75	565.7	27	20.938	177	0.67486	244
19000	0.54943	599	0.37852	23	0.31520	74	563.0	25	21.115	178	0.67730	244
19100	0.55542	604	0.37875	22	0.31594	75	560.5	26	21.293	179	0.67974	243
19200	0.56146	609	0.37897	23	0.31669	75	557.9	25	21.472	179	0.68217	242
19300	0.56755	613	0.37920	23	0.31744	75	555.4	25	21.651	180	0.68459	242
19400	0.57368	618	0.37943	23	0.31819	76	552.9	25	21.831	182	0.68701	242
19500	0.57986	622	0.37966	23	0.31895	76	550.4	25	22.013	182	0.68943	241
19600	0.58608	627	0.37989	23	0.31971	77	547.9	25	22.195	183	0.69184	241
19700	0.59235	631	0.38012	23	0.32048	77	545.4	25	22.378	183	0.69425	241
19800	0.59866	636	0.38035	24	0.32125	77	542.9	24	22.561	185	0.69666	240
19900	0.60502	640	0.38059	23	0.32202	78	540.5	25	22.746	186	0.69906	239
20000	0.61142	645	0.38082	24	0.32280	78	538.0	24	22.932	187	0.70145	238

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TABLE II. $V=2{,}350$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	58	0.25000	113	0.00000	348	2350.0	286	0.000	42	0.00000	342
100	0.00058	59	0.25113	112	0.00348	350	2321.4	283	0.042	43	0 00342	344
200	0.00117	60	0.25225	111	0.00698	352	2293.1	280	0.085	44	0.00686	348
300	0.00177	62	0.25336	110	0.01050	353	2265.1	277	0.129	44	0.01034	353
400	0.00239	63	0.25446	109	0.01403	355	2237.4	275	0.173	45	0.01387	359
500	0.00302	63	0.25555	109	0.01758	356	2209.9	272	0.218	46	0.01746	365
600	0.00365	66	0.25664	108	0.02114	358	2182.7	270	0.264	46	0.02111	372
700	0.00431	66	0.25772	107	0.02472	360	2155.7	267	0.310	47	0 02483	377
800	0.00497	67	0.25879	106	0.02832	361	2129.0	265	0.357	47	0.02860	380
900	0.00564	69	0.25985	105	0.03193	363	2102.5	262	0.404	48	0.03240	382
1000	0.00633	69	0.26090	106	0.03556	365	2076.3	260	0.452	48	0.03622	383
1100	0.00702	71	0.26196	107	0.03921	367	2050.3	257	0.500	49	0.04005	384
1200	0.00773	72	0.26303	107	0.04288	368	2024.6	255	0.549	50	0.04389	385
1300	0.00845	73	0.26410	108	0.04656	370	1999.1	254	0.599	50	0.04774	386
1400	0.00918	75	0.26518	109	0.05026	371	1973.7	252	0.649	51	0.05160	387
1500	0.00993	76	0.26627	109	0.05397	372	1948.5	250	0.700	52	0.05547	388
1600	0.01069	77	0.26736	110	0.05769	374	1923.5	248	0.752	53	0.05935	389
1700	0.01146	78	0.26846	111	0.06143	375	1898.7	246	0.805	53	0.06324	389
1800	0.01224	80	0.26957	112	0.06518	376	1874.1	243	0.858	53	0.06713	390
1900	0.01304	81	0.27069	112	0.06894	379	1849.8	242	0.911	55	0.07103	391
2000	0.01385	82	0.27181	113	0.07273	382	1825.6	240	0.966	55	0.07494	393
2100	0.01467	84	0.27294	113	0.07655	383	1801.6	237	1.021	55	0.07887	396
2200	0.01551	85	0.27407	113	0.08038	383	1777.9	233	1.076	57	0.08283	400
2300	0.01636	87	0.27520	114	0.08421	384	1754.6	230	1.133	57	0.08683	404
2400	0.01723	89	0.27634	114	0.08805	385	1731.6	226	1.190	58	0.09087	407
2500	0.01812	91	0.27748	115	0.09190	384	1709.0	224	1.248	59	0.09494	410
2600	0.01903	92	0.27863	116	0.09574	385	1686.6	220	1.307	60	0.09904	415
2700	0.01995	94	0.27979	117	0.09959	385	1664.6	217	1.367	60	0.10319	418
2800	0.02089	95	0.28096	119	0.10344	386	1642.9	214	1.427	62	0.10737	421
2900	0.02184	97	0.28215	120	0.10730	386	1621.5	210	1.489	62	0.11158	425
3000	0.02281	99	0.28335	123	0.11116	384	1600.5	207	1.551	63	0.11583	427
3100	0.02380	101	0.28458	126	0.11500	382	1579.8	205	1.614	64	0.12010	429
3200	0.02481	103	0.28584	128	0.11882	381	1559.3	203	1.678	64	0.12439	430
3300	0.02584	105	0.28712	128	0.12263	380	1539.0	201	1.742	66	0.12869	432
3400	0.02689	107	0.28840	128	0.12643	378	1518.9	198	1.808	66	0.13301	433
3500	0.02796	109	0.28968	128	0.13021	379	1499.1	196	1.874	67	0.13734	435
3600	0.02905	111	0.29096	128	0.13400	380	1479.5	194	1.941	69	0.14169	436
3700	0.03016	113	0.29224	128	0.13780	380	1460.1	192	2.010	69	0.14605	438
3800	0.03129	115	0.29352	129	0.14160	381	1440.9	190	2.079	70	0.15043	439
3900	0.03244	117	0.29481	129	0.14541	381	1421.9	187	2.149	71	0.15482	441
4000	0.03361	120	0.29610	129	0.14922	381	1403.2	185	2.220	72	0.15923	443
4100	0.03481	122	0.29739	130	0.15303	379	1384.7	181	2.292	73	0.16366	446
4200	0.03603	124	0.29869	130	0.15682	376	1366.6	176	2.365	73	0.16812	449
4300	0.03727	127	0.29999	131	0.16058	372	1349.0	172	2.438	75	0.17261	451
4400	0.03854	130	0.30130	131	0.16430	369	1331.8	168	2.513	76	0.17712	454
4500	0.03984	131	0.30261	132	0.16799	365	1315.0	164	2.589	76	0.18166	457
4600	0.04115	134	0.30393	133	0.17164	362	1298.6	160	2.665	77	0.18623	460
4700	0.04249	137	0.30526	133	0.17526	358	1282.6	155	2.742	79	0.19083	463
4800	0.04386	139	0.30659	133	0.17884	353	1267.1	151	2.821	79	0.19546	465
4900	0.04525	141	0.30792	134	0.18237	348	1252.0	147	2.900	80	0.20011	468
5000	0.04666	144	0.30926	134	0.18585	343	1237.3	173	2.980	80	0.20479	469

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TABLE II. $V=2{,}350$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.04666	144	0.30926	134	0.18585	343	1237.3	142	2.980	80	0.20479	469
5100	0.04810	148	0.31060	133	0.18928	336	1223.1	137	3.060	81	0.20948	468
5200	0.04958	151	0.31193	133	0.19264	330	1209.4	132	3.141	83	0.21416	469
5300	0.05109	153	0.31326	132	0.19594	323	1196.2	127	3.224	83	0.21885	468
5400	0.05262	156	0.31458	132	0.19917	315	1183.5	122	3.307	85	0.22353	469
5500	0.05418	158	0.31590	130	0.20232	307	1171.3	119	3.392	86	0.22822	469
5600	0.05576	161	0.31720	131	0.20539	299	1159.4	114	3.478	87	0.23291	468
5700	0.05737	164	0.31851	129	0.20838	290	1148.0	109	3.565	88	0.23759	469
5800	0.05901	167	0.31980	129	0.21128	281	1137.1	104	3.653	89	0.24228	468
5900	0.06068	169	0.32109	128	0.21409	271	1126.7	99	3.742	91	0.24696	469
6000	0.06237	173	0.32237	127	0.21680	261	1116.8	95	3.833	91	0.25165	469
6100	0.06410	175	0.32364	126	0.21941	250	1107.3	92	3.924	92	0.25634	468
6200	0.06585	179	0.32490	123	0.22191	241	1098.1	90	4.016	92	0.26102	466
6300	0.06764	181	0.32613	121	0.22432	231	1089.1	88	4.108	92	0.26568	465
6400	0.06945	185	0.32734	119	0.22663	221	1080.3	85	4.200	93	0.27033	463
6500	0.07130	187	0.32853	116	0.22884	211	1071.8	83	4.293	94	0.27496	461
6600	0.07317	190	0.32969	114	0.23095	202	1063.5	81	4.387	94	0.27957	460
6700	0.07507	193	0.33083	112	0.23297	193	1055.4	78	4.481	94	0.28417	459
6800	0.07700	195	0.33195	109	0.23490	184	1047.6	76	4.575	95	0.28876	457
6900	0.07895	199	0.33304	107	0.23674	176	1040.0	73	4.670	96	0.29333	455
7000	0.08094	202	0.33411	105	0.23850	169	1032.7	71	4.766	96	0.29788	453
7100	0.08296	204	0.33516	104	0.24019	163	1025.6	70	4.862	97	0.30241	450
7200	0.08500	208	0.33620	102	0.24182	156	1018.6	68	4.959	98	0.30691	447
7300	0.08708	210	0.33722	101	0.24338	150	1011.8	66	5.057	99	0.31138	446
7400	0.08918	213	0.33823	99	0.24488	143	1005.2	64	5.156	100	0.31584	443
7500	0.09131	216	0.33922	98	0.24631	136	998.8	63	5.256	100	0.32027	440
7600	0.09347	219	0.34020	96	0.24767	131	992.5	60	5.356	101	0.32467	437
7700	0.09566	222	0.34116	95	0.24898	124	986.5	59	5.457	103	0.32904	436
7800	0.09788	225	0.34211	93	0.25022	118	980.6	57	5.560	103	0.33340	433
7900	0.10013	227	0.34304	92	0.25140	111	974.9	56	5.663	104	0.33773	431
8000	0.10240	230	0.34396	90	0.25251	106	969.3	54	5.767	105	0.34204	429
8100	0.10470	234	0.34486	87	0.25357	103	963.9	53	5.872	106	0.34633	427
8200	0.10704	236	0.34573	84	0.25460	99	958.6	52	5.978	106	0.35060	423
8300	0.10940	238	0.34657	82	0.25559	95	953.4	52	6.084	106	0.35483	418
8400	0.11178	242	0.34739	79	0.25654	91	948.2	53	6.190	106	0.35901	415
8500	0.11420	244	0.34818	76	0.25745	87	942.9	53	6.296	106	0.36316	412
8600	0.11664	248	0.34894	74	0.25832	83	937.6	53	6.402	106	0.36728	408
8700	0.11912	250	0.34968	71	0.25915	80	932.3	52	6.508	106	0.37136	404
8800	0.12162	252	0.35039	68	0.25995	77	927.1	53	6.614	107	0.37540	400
8900	0.12414	256	0.35107	66	0.26072	73	921.8	53	6.721	107	0.37940	396
9000	0.12670	259	0.35173	65	0.26145	71	916.5	52	6.828	108	0.38336	394
9100	0.12929	261	0.35238	64	0.26216	70	911.3	50	6.936	109	0.38730	392
9200	0.13190	264	0.35302	62	0.26286	68	906.3	50	7.045	110	0.39122	390
9300	0.13454	267	0.35364	60	0.26354	67	901.3	49	7.155	111	0.39512	388
9400	0.13721	270	0.35424	58	0.26421	65	896.4	48	7.266	112	0.39900	386
9500	0.13991	272	0.35482	57	0.26486	64	891.6	47	7.378	113	0.40286	383
9600	0.14263	275	0.35539	55	0.26550	63	886.9	45	7.491	113	0.40669	381
9700	0.14538	278	0.35594	53	0.26613	61	882.4	45	7.604	114	0.41050	379
9800	0.14816	281	0.35647	52	0.26674	59	877.9	44	7.718	115	0.41429	377
9900	0.15097	284	0.35699	50	0.26733	58	873.5	43	7.833	117	0.41806	374
10000	0.15381	286	0.35749	50	0.26791	57	869.2	43	7.949	118	0.42180	372

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TABLE II. $V=2,350$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.15381	286	0.35749	50	0.26791	57	869.2	43	7.949	118	0.42180	372
10100	0.15667	290	0.35799	48	0.26848	56	864.9	42	8.067	118	0.42552	369
10200	0.15957	292	0.35847	48	0.26904	55	860.7	43	8.185	118	0.42921	366
10300	0.16249	295	0.35895	46	0.26959	55	856.4	42	8.303	118	0.43287	363
10400	0.16544	298	0.35941	45	0.27014	54	852.2	43	8.421	118	0.43650	360
10500	0.16842	300	0.35986	43	0.27068	53	847.9	43	8.539	118	0.44010	356
10600	0.17142	304	0.36029	43	0.27121	52	843.6	42	8.657	118	0.44366	353
10700	0.17446	306	0.36072	42	0.27173	52	839.4	43	8.775	118	0.44719	351
10800	0.17752	309	0.36114	40	0.27225	51	835.1	42	8.893	118	0.45070	347
10900	0.18061	312	0.36154	38	0.27276	50	830.9	43	9.011	118	0.45417	344
11000	0.18373	315	0.36192	38	0.27326	50	826.6	42	9.129	119	0.45761	342
11100	0.18688	317	0.36230	37	0.27376	49	822.4	41	9.248	120	0.46103	340
11200	0.19005	321	0.36267	37	0.27425	48	818.3	41	9.368	121	0.46443	339
11300	0.19326	323	0.36304	35	0.27473	48	814.2	40	9.489	122	0.46782	338
11400	0.19649	326	0.36339	35	0.27521	49	810.2	39	9.611	124	0.47120	335
11500	0.19975	329	0.36374	33	0.27570	49	806.3	38	9.735	124	0.47455	334
11600	0.20304	332	0.36407	33	0.27619	49	802.5	37	9.859	125	0.47789	333
11700	0.20636	335	0.36440	32	0.27668	49	798.8	37	9.984	127	0.48122	331
11800	0.20971	338	0.36472	31	0.27717	49	795.1	36	10.111	129	0.48453	329
11900	0.21309	341	0.36503	30	0.27766	48	791.5	36	10.240	129	0.48782	328
12000	0.21650	344	0.36533	29	0.27814	47	787.9	37	10.369	129	0.49110	326
12100	0.21994	346	0.36562	29	0.27861	46	784.2	37	10.498	130	0.49436	323
12200	0.22340	350	0.36591	28	0.27907	46	780.5	37	10.628	130	0.49759	321
12300	0.22690	353	0.36619	27	0.27953	46	776.8	37	10.758	130	0.50080	319
12400	0.23043	356	0.36646	26	0.27999	46	773.1	36	10.888	130	0.50399	317
12500	0.23399	358	0.36672	26	0.28045	46	769.5	36	11.018	130	0.50716	314
12600	0.23757	362	0.36698	26	0.28091	46	765.9	35	11.148	130	0.51030	313
12700	0.24119	365	0.36724	26	0.28137	46	762.4	35	11.278	130	0.51343	310
12800	0.24484	367	0.36750	25	0.28183	46	758.9	35	11.408	130	0.51653	307
12900	0.24851	371	0.36775	25	0.28229	46	755.4	35	11.538	130	0.51960	306
13000	0.25222	373	0.36800	25	0.28275	46	751.9	35	11.668	131	0.52266	304
13100	0.25595	376	0.36825	25	0.28321	47	748.4	35	11.799	132	0.52570	302
13200	0.25971	379	0.36850	24	0.28368	48	744.9	35	11.931	134	0.52872	301
13300	0.26350	383	0.36874	24	0.28416	49	741.4	35	12.065	134	0.53173	300
13400	0.26733	386	0.36898	24	0.28465	49	737.9	34	12.199	135	0.53473	299
13500	0.27119	388	0.36922	24	0.28514	48	734.5	34	12.334	137	0.53772	298
13600	0.27507	393	0.36946	23	0.28562	49	731.1	34	12.471	139	0.54070	297
13700	0.27900	395	0.36969	23	0.28611	49	727.7	34	12.610	139	0.54367	296
13800	0.28295	399	0.36992	23	0.28660	49	724.3	34	12.749	140	0.54663	295
13900	0.28694	402	0.37015	22	0.28709	49	720.9	33	12.889	141	0.54958	293
14000	0.29096	404	0.37037	22	0.28758	50	717.6	33	13.030	142	0.55251	293
14100	0.29500	407	0.37059	22	0.28808	50	714.3	34	13.172	142	0.55544	291
14200	0.29907	411	0.37081	22	0.28858	51	710.9	33	13.314	142	0.55835	289
14300	0.30318	414	0.37103	22	0.28909	51	707.6	33	13.456	142	0.56124	287
14400	0.30732	418	0.37125	21	0.28960	52	704.3	33	13.598	143	0.56411	286
14500	0.31150	420	0.37146	21	0.29012	52	701.0	32	13.741	143	0.56697	284
14600	0.31570	424	0.37167	21	0.29064	53	697.8	33	13.884	143	0.56981	282
14700	0.31994	427	0.37188	20	0.29117	53	694.5	33	14.027	143	0.57263	281
14800	0.32421	431	0.37208	21	0.29170	54	691.2	32	14.170	143	0.57544	278
14900	0.32852	434	0.37229	20	0.29224	54	688.0	32	14.313	143	0.57822	277
15000	0.33286	437	0.37249	20	0.29278	54	684.8	32	14.456	144	0.58099	276

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TABLE II. $V=2{,}350$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.33286	437	0.37249	20	0.29278	54	684.8	32	14.456	144	0.58099	276
15100	0.33723	440	0.37269	20	0.29332	55	681.6	32	14.600	145	0.58375	276
15200	0.34163	444	0.37289	20	0.29387	55	678.4	31	14.745	147	0.58651	275
15300	0.34607	447	0.37309	19	0.29442	56	675.3	31	14.892	147	0.58926	274
15400	0.35054	451	0.37328	20	0.29498	56	672.2	32	15.039	149	0.59200	274
15500	0.35505	454	0.37348	19	0.29554	57	669.0	31	15.188	150	0.59474	273
15600	0.35959	458	0.37367	19	0.29611	58	665.9	32	15.338	152	0.59747	272
15700	0.36417	461	0.37386	19	0.29669	58	662.7	31	15.490	152	0.60019	272
15800	0.36878	465	0.37405	18	0.29727	58	659.6	30	15.642	154	0.60291	271
15900	0.37343	468	0.37423	19	0.29785	59	656.6	31	15.796	155	0.60562	270
16000	0.37811	471	0.37442	20	0.29844	59	653.5	30	15.951	155	0.60832	269
16100	0.38282	475	0.37462	19	0.29903	60	650.5	31	16.106	155	0.61101	267
16200	0.38757	479	0.37481	20	0.29963	60	647.4	30	16.261	155	0.61368	267
16300	0.39236	482	0.37501	19	0.30023	60	644.4	30	16.417	156	0.61635	265
16400	0.39718	487	0.37520	20	0.30083	61	641.4	30	16.573	157	0.61900	263
16500	0.40205	489	0.37540	19	0.30144	62	638.4	29	16.730	157	0.62165	265
16600	0.40694	493	0.37559	20	0.30206	62	635.5	30	16.887	157	0.62428	262
16700	0.41187	497	0.37579	19	0.30268	63	632.5	30	17.044	157	0.62690	261
16800	0.41684	501	0.37598	19	0.30331	63	629.5	29	17.201	158	0.62951	259
16900	0.42185	504	0.37617	20	0.30394	63	626.6	29	17.359	158	0.63210	259
17000	0.42689	508	0.37637	21	0.30457	64	623.7	29	17.517	159	0.63469	259
17100	0.43197	512	0.37658	20	0.30521	65	620.8	29	17.676	161	0.63728	258
17200	0.43709	516	0.37678	20	0.30586	65	617.9	29	17.837	161	0.63986	258
17300	0.44225	520	0.37698	20	0.30651	66	615.0	29	17.998	162	0.64244	257
17400	0.44745	524	0.37718	20	0.30717	66	612.1	28	18.160	164	0.64501	257
17500	0.45269	527	0.37738	20	0.30783	66	609.3	29	18.324	165	0.64758	256
17600	0.45796	532	0.37758	21	0.30849	67	606.4	28	18.489	166	0.65014	255
17700	0.46328	535	0.37779	21	0.30916	67	603.6	28	18.655	167	0.65269	254
17800	0.46863	540	0.37800	21	0.30983	67	600.8	28	18.822	168	0.65523	254
17900	0.47403	543	0.37821	20	0.31050	68	598.0	28	18.990	169	0.65777	253
18000	0.47946	548	0.37841	21	0.31118	68	595.2	28	19.159	170	0.66030	253
18100	0.48494	552	0.37862	21	0.31186	69	592.4	27	19.329	170	0.66283	252
18200	0.49046	556	0.37883	20	0.31255	69	589.7	28	19.499	171	0.66535	251
18300	0.49602	560	0.37903	21	0.31324	69	586.9	27	19.670	171	0.66786	251
18400	0.50162	565	0.37924	22	0.31393	70	584.2	27	19.841	172	0.67037	250
18500	0.50727	567	0.37946	21	0.31463	70	581.5	28	20.013	172	0.67287	250
18600	0.51294	571	0.37967	21	0.31533	71	578.7	27	20.185	173	0.67537	249
18700	0.51865	576	0.37988	22	0.31604	71	576.0	26	20.358	173	0.67786	248
18800	0.52441	580	0.38010	21	0.31675	71	573.4	27	20.531	174	0.68034	247
18900	0.53021	584	0.38031	22	0.31746	72	570.7	27	20.705	174	0.68281	247
19000	0.53605	589	0.38053	22	0.31818	72	568.0	26	20.879	175	0.68528	247
19100	0.54194	593	0.38075	22	0.31890	73	565.4	27	21.054	177	0.68775	246
19200	0.54787	598	0.38097	22	0.31963	73	562.7	26	21.231	177	0.69021	246
19300	0.55385	603	0.38119	22	0.32036	74	560.1	26	21.408	178	0.69267	245
19400	0.55988	607	0.38141	23	0.32110	75	557.5	26	21.586	180	0.69512	245
19500	0.56595	611	0.38164	22	0.32185	74	554.9	26	21.766	181	0.69757	244
19600	0.57206	616	0.38186	23	0.32259	74	552.3	26	21.947	182	0.70001	244
19700	0.57822	620	0.38209	22	0.32333	75	549.7	26	22.129	183	0.70245	244
19800	0.58442	625	0.38231	23	0.32408	75	547.1	25	22.312	184	0.70489	243
19900	0.59067	629	0.38254	23	0.32483	76	544.6	26	22.496	185	0.70732	242
20000	0.59696	634	0.38277	23	0.32559	76	542.0	26	22.681	186	0.70974	242

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TABLE II. $V=2{,}400$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	56	0.25000	111	0.00000	350	2400.0	290	0.000	42	0.00000	354
100	0.00056	58	0.25111	110	0.00350	351	2371.0	287	0.042	42	0.00354	357
200	0.00114	58	0.25221	109	0.00701	352	2342.3	284	0.084	43	0.00711	359
300	0.00172	59	0.25330	109	0.01053	354	2313.9	282	0.127	43	0.01070	360
400	0.00231	61	0.25439	108	0.01507	356	2285.7	279	0.170	44	0.01430	362
500	0.00292	61	0.25547	108	0.01863	358	2257.8	277	0.214	45	0.01792	364
600	0.00353	62	0.25655	107	0.02221	359	2230.1	274	0.259	45	0.02156	366
700	0.00415	63	0.25762	106	0.02580	359	2202.7	271	0.304	46	0.02522	367
800	0.00478	64	0.25868	105	0.02939	360	2175.5	269	0.350	46	0.02889	369
900	0.00542	65	0.25973	104	0.03299	361	2148.6	266	0.396	47	0.03258	371
1000	0.00607	66	0.26077	103	0.03660	362	2122.0	264	0.443	48	0.03629	372
1100	0.00673	68	0.26180	104	0.03922	364	2095.6	262	0.491	48	0.04001	373
1200	0.00741	68	0.26284	105	0.04286	366	2069.4	260	0.539	49	0.04374	375
1300	0.00809	70	0.26389	106	0.04652	368	2043.4	258	0.588	49	0.04749	378
1400	0.00879	72	0.26495	107	0.05020	369	2017.6	256	0.637	50	0.05127	380
1500	0.00951	72	0.26602	107	0.05389	371	1992.0	254	0.687	51	0.05507	381
1600	0.01023	74	0.26709	108	0.05760	372	1966.6	252	0.738	51	0.05889	384
1700	0.01097	75	0.26817	108	0.06132	374	1941.4	250	0.789	52	0.06273	386
1800	0.01172	76	0.26925	110	0.06506	376	1916.4	248	0.841	52	0.06659	388
1900	0.01248	77	0.27035	112	0.06882	378	1891.6	246	0.893	53	0.07047	390
2000	0.01325	79	0.27147	113	0.07260	379	1867.0	244	0.946	54	0.07437	394
2100	0.01404	80	0.27260	115	0.07639	380	1842.6	241	1.000	54	0.07831	398
2200	0.01484	82	0.27375	117	0.08019	381	1818.5	238	1.054	56	0.08229	400
2300	0.01566	84	0.27492	117	0.08400	381	1794.7	235	1.110	56	0.08629	403
2400	0.01650	85	0.27609	118	0.08781	381	1771.2	232	1.166	57	0.09032	406
2500	0.01735	86	0.27727	119	0.09162	381	1748.0	229	1.223	57	0.09438	408
2600	0.01821	88	0.27846	121	0.09543	382	1725.1	225	1.280	58	0.09846	411
2700	0.01909	90	0.27967	122	0.09925	382	1702.6	222	1.338	59	0.10257	413
2800	0.01999	91	0.28089	123	0.10307	382	1680.4	219	1.397	60	0.10670	415
2900	0.02090	93	0.28212	124	0.10689	381	1658.6	215	1.457	61	0.11085	418
3000	0.02183	95	0.28336	125	0.11070	380	1637.1	211	1.518	61	0.11503	421
3100	0.02278	96	0.28461	125	0.11450	380	1616.0	208	1.579	62	0.11924	424
3200	0.02374	98	0.28586	126	0.11830	380	1595.2	206	1.641	63	0.12348	426
3300	0.02472	101	0.28712	127	0.12210	380	1574.6	204	1.704	64	0.12774	429
3400	0.02573	102	0.28839	128	0.12590	380	1554.2	202	1.768	65	0.13203	431
3500	0.02675	104	0.28967	128	0.12970	380	1534.0	200	1.833	66	0.13634	433
3600	0.02779	106	0.29095	129	0.13350	380	1514.0	198	1.899	67	0.14067	435
3700	0.02885	108	0.29224	129	0.13730	380	1494.2	196	1.966	67	0.14502	437
3800	0.02993	110	0.29353	130	0.14110	380	1474.6	194	2.033	69	0.14939	439
3900	0.03103	112	0.29483	131	0.14490	380	1455.2	193	2.102	69	0.15380	442
4000	0.03215	114	0.29614	131	0.14870	378	1435.9	190	2.171	70	0.15822	445
4100	0.03329	116	0.29745	132	0.15248	377	1416.9	187	2.241	70	0.16267	448
4200	0.03445	118	0.29877	132	0.15625	376	1398.2	183	2.311	72	0.16715	450
4300	0.03563	121	0.30009	132	0.16001	374	1379.9	179	2.383	73	0.17165	452
4400	0.03684	124	0.30141	132	0.16374	372	1362.0	175	2.456	74	0.17617	454
4500	0.03808	126	0.30273	132	0.16746	370	1344.5	171	2.530	75	0.18071	455
4600	0.03934	128	0.30405	133	0.17116	368	1327.4	167	2.605	75	0.18526	457
4700	0.04062	131	0.30538	133	0.17484	366	1310.7	163	2.680	77	0.18983	459
4800	0.04193	133	0.30671	133	0.17850	365	1294.4	159	2.757	78	0.19442	461
4900	0.04326	136	0.30804	134	0.18215	364	1278.5	154	2.835	79	0.19903	463
5000	0.04462	138	0.30938	135	0.18580	361	1263.1	149	2.914	80	0.20366	466

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TABLE II. $V=2{,}400$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.04462	138	0.30938	135	0.18580	361	1263.1	149	2.914	80	0.20366	466
5100	0.04600	140	0.31073	135	0.18941	355	1248.2	144	2.994	81	0.20832	467
5200	0.04740	144	0.31208	134	0.19296	347	1233.8	139	3.075	81	0.21299	468
5300	0.04884	146	0.31342	133	0.19643	338	1219.9	135	3.156	83	0.21767	469
5400	0.05030	149	0.31475	133	0.19981	330	1206.4	131	3.239	83	0.22236	469
5500	0.05179	152	0.31608	132	0.20311	321	1193.3	127	3.322	84	0.22705	470
5600	0.05331	154	0.31740	131	0.20632	312	1180.6	124	3.406	85	0.23175	471
5700	0.05485	158	0.31871	131	0.20944	302	1168.3	119	3.491	86	0.23646	472
5800	0.05643	160	0.32002	130	0.21246	292	1156.4	115	3.577	87	0.24118	472
5900	0.05803	163	0.32132	129	0.21538	282	1145.0	109	3.664	88	0.24590	473
6000	0.05966	166	0.32261	127	0.21820	273	1134.1	104	3.752	89	0.25063	473
6100	0.06132	168	0.32388	125	0.22093	264	1123.7	100	3.841	89	0.25536	473
6200	0.06300	172	0.32513	123	0.22357	256	1113.7	97	3.930	90	0.26009	471
6300	0.06472	174	0.32636	122	0.22613	248	1104.0	94	4.020	91	0.26480	470
6400	0.06646	178	0.32758	120	0.22861	239	1094.6	90	4.111	92	0.26950	470
6500	0.06824	180	0.32878	119	0.23100	229	1085.6	87	4.203	92	0.27420	469
6600	0.07004	183	0.32997	118	0.23329	220	1076.9	84	4.295	93	0.27889	468
6700	0.07187	186	0.33115	116	0.23549	210	1068.5	81	4.388	94	0.28357	467
6800	0.07373	189	0.33231	114	0.23759	200	1060.4	78	4.482	95	0.28824	465
6900	0.07562	192	0.33345	113	0.23959	191	1052.6	76	4.577	95	0.29289	464
7000	0.07754	195	0.33458	111	0.24150	183	1045.0	74	4.672	96	0.29753	462
7100	0.07949	197	0.33569	110	0.24333	176	1037.6	72	4.768	97	0.30215	460
7200	0.08146	201	0.33679	108	0.24509	169	1030.4	70	4.865	97	0.30675	457
7300	0.08347	203	0.33787	106	0.24678	162	1023.4	69	4.962	98	0.31132	454
7400	0.08550	206	0.33893	104	0.24840	155	1016.5	67	5.060	99	0.31586	451
7500	0.08756	209	0.33997	101	0.24995	147	1009.8	65	5.159	99	0.32037	449
7600	0.08965	211	0.34098	100	0.25142	140	1003.3	63	5.258	100	0.32486	446
7700	0.09176	215	0.34198	99	0.25282	132	997.0	62	5.358	101	0.32932	443
7800	0.09391	218	0.34297	96	0.25414	126	990.8	60	5.459	101	0.33375	440
7900	0.09609	220	0.34393	94	0.25540	120	984.8	58	5.560	102	0.33815	437
8000	0.09829	223	0.34487	91	0.25660	116	979.0	58	5.662	102	0.34252	435
8100	0.10052	226	0.34578	88	0.25776	111	973.2	57	5.764	103	0.34687	433
8200	0.10278	229	0.34666	86	0.25887	106	967.5	56	5.867	104	0.35120	430
8300	0.10507	232	0.34752	84	0.25993	101	961.9	55	5.971	104	0.35550	427
8400	0.10739	235	0.34836	83	0.26094	97	956.4	54	6.075	105	0.35977	424
8500	0.10974	237	0.34919	80	0.26191	93	951.0	54	6.180	105	0.36401	421
8600	0.11211	240	0.34999	78	0.26284	89	945.6	53	6.285	106	0.36822	418
8700	0.11451	243	0.35077	76	0.26373	84	940.3	52	6.391	107	0.37240	416
8800	0.11694	245	0.35153	74	0.26457	79	935.1	51	6.498	107	0.37656	413
8900	0.11939	249	0.35227	72	0.26536	74	930.0	50	6.605	108	0.38069	410
9000	0.12188	251	0.35299	70	0.26610	71	925.0	50	6.713	108	0.38479	407
9100	0.12439	254	0.35369	68	0.26681	70	920.0	49	6.821	109	0.38886	403
9200	0.12693	257	0.35437	66	0.26751	70	915.1	49	6.930	110	0.39289	400
9300	0.12950	260	0.35503	64	0.26821	69	910.2	49	7.040	110	0.39689	398
9400	0.13210	263	0.35567	63	0.26890	69	905.3	48	7.150	111	0.40087	395
9500	0.13473	265	0.35630	61	0.26959	68	900.5	48	7.261	111	0.40482	392
9600	0.13738	268	0.35691	59	0.27027	66	895.7	47	7.372	112	0.40874	390
9700	0.14006	271	0.35750	57	0.27093	64	891.0	47	7.484	112	0.41264	386
9800	0.14277	274	0.35807	55	0.27157	62	886.3	46	7.596	113	0.41650	384
9900	0.14551	276	0.35862	54	0.27219	61	881.7	45	7.709	114	0.42034	381
10000	0.14827	279	0.35916	53	0.27280	59	877.2	45	7.823	114	0.42415	378

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TABLE II. $V=2{,}400\ f.\ s.$—Continued.

$z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.14827	279	0.35916	53	0.27280	59	877.2	45	7.823	114	0.42415	378
10100	0.15106	282	0.35969	51	0.27339	57	872.7	45	7.937	115	0.42793	376
10200	0.15388	285	0.36020	50	0.27396	56	868.2	44	8.052	116	0.43169	373
10300	0.15673	288	0.36070	49	0.27452	56	863.8	44	8.168	116	0.43542	370
10400	0.15961	291	0.36119	48	0.27508	55	859.4	43	8.284	117	0.43912	368
10500	0.16252	293	0.36167	46	0.27563	53	855.1	43	8.401	117	0.44280	366
10600	0.16545	296	0.36213	45	0.27616	52	850.8	42	8.518	118	0.44646	363
10700	0.16841	299	0.36258	44	0.27668	52	846.6	42	8.636	118	0.45009	360
10800	0.17140	302	0.36302	43	0.27720	51	842.4	42	8.754	119	0.45369	358
10900	0.17442	305	0.36345	41	0.27771	49	838.2	42	8.873	120	0.45727	356
11000	0.17747	308	0.36386	40	0.27820	49	834.0	42	8.993	120	0.46083	353
11100	0.18055	310	0.36426	39	0.27869	49	829.9	41	9.113	121	0.46436	351
11200	0.18365	314	0.36465	38	0.27918	48	825.7	41	9.234	122	0.46787	349
11300	0.18679	316	0.36503	38	0.27966	48	821.6	40	9.356	122	0.47136	347
11400	0.18995	319	0.36541	37	0.28014	47	817.6	40	9.478	122	0.47483	344
11500	0.19314	322	0.36578	35	0.28061	47	813.6	40	9.600	123	0.47827	342
11600	0.19636	324	0.36613	34	0.28108	46	809.6	40	9.723	124	0.48169	340
11700	0.19960	328	0.36647	33	0.28154	46	805.6	39	9.847	124	0.48509	338
11800	0.20288	331	0.36680	33	0.28200	45	801.7	39	9.971	125	0.48847	335
11900	0.20619	333	0.36713	32	0.28245	45	797.8	38	10.096	126	0.49182	333
12000	0.20952	336	0.36745	31	0.28290	45	794.0	37	10.222	126	0.49515	331
12100	0.21288	340	0.36776	30	0.28335	44	790.3	36	10.348	127	0.49846	329
12200	0.21628	342	0.36806	29	0.28379	44	786.7	36	10.475	127	0.50175	327
12300	0.21970	345	0.36835	29	0.28423	44	783.1	36	10.602	128	0.50502	326
12400	0.22315	348	0.36864	28	0.28467	44	779.5	36	10.730	129	0.50828	324
12500	0.22663	351	0.36892	27	0.28511	44	775.9	36	10.859	129	0.51152	322
12600	0.23014	354	0.36919	27	0.28555	44	772.3	36	10.988	130	0.51474	319
12700	0.23368	357	0.36946	26	0.28599	44	768.7	36	11.118	130	0.51793	317
12800	0.23725	360	0.36972	25	0.28643	43	765.1	35	11.248	131	0.52110	316
12900	0.24085	363	0.36997	25	0.28686	44	761.6	36	11.379	132	0.52426	314
13000	0.24448	366	0.37022	25	0.28730	45	758.0	36	11.511	133	0.52740	312
13100	0.24814	369	0.37047	24	0.28775	45	754.4	35	11.644	133	0.53052	311
13200	0.25183	372	0.37071	24	0.28820	45	750.9	35	11.777	133	0.53363	309
13300	0.25555	375	0.37095	23	0.28865	46	747.4	35	11.910	134	0.53672	308
13400	0.25930	379	0.37118	23	0.28911	46	743.9	35	12.044	135	0.53980	306
13500	0.26309	381	0.37141	23	0.28957	46	740.4	35	12.179	136	0.54286	304
13600	0.26690	384	0.37164	22	0.29003	46	736.9	35	12.315	136	0.54590	303
13700	0.27074	387	0.37186	22	0.29049	47	733.4	35	12.451	136	0.54893	301
13800	0.27461	391	0.37208	22	0.29096	47	729.9	35	12.587	137	0.55194	299
13900	0.27852	393	0.37230	21	0.29143	47	726.4	34	12.724	138	0.55493	298
14000	0.28245	396	0.37251	21	0.29190	47	723.0	34	12.862	138	0.55791	296
14100	0.28641	400	0.37272	21	0.29237	48	719.6	34	13.000	139	0.56087	295
14200	0.29041	403	0.37293	21	0.29285	48	716.2	33	13.139	140	0.56382	294
14300	0.29444	406	0.37314	21	0.29333	48	712.9	33	13.279	140	0.56676	293
14400	0.29850	410	0.37335	21	0.29381	49	709.6	33	13.419	141	0.56969	291
14500	0.30260	412	0.37356	20	0.29430	49	706.3	33	13.560	142	0.57260	290
14600	0.30672	416	0.37376	20	0.29479	50	703.0	33	13.702	143	0.57550	288
14700	0.31088	419	0.37396	20	0.29529	50	699.7	33	13.845	143	0.57838	287
14800	0.31507	422	0.37416	20	0.29579	50	696.4	32	13.988	144	0.58125	286
14900	0.31929	426	0.37436	20	0.29629	51	693.2	32	14.132	144	0.58411	284
15000	0.32355	429	0.37456	20	0.29680	52	690.0	32	14.276	145	0.58695	283

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TABLE II. $V=2{,}400$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.33355	429	0.37456	20	0.29680	52	690.0	32	14.276	145	0.58695	283
15100	0.33784	432	0.37476	20	0.29732	52	686.8	31	14.421	146	0.58978	282
15200	0.33216	436	0.37496	19	0.29784	53	683.7	31	14.567	147	0.59260	281
15300	0.33652	439	0.37515	20	0.29837	53	680.6	31	14.714	147	0.59541	280
15400	0.34091	442	0.37535	20	0.29890	54	677.5	31	14.861	148	0.59821	279
15500	0.34533	446	0.37555	19	0.29944	54	674.4	31	15.009	149	0.60100	278
15600	0.34979	449	0.37574	19	0.29998	55	671.3	31	15.158	149	0.60378	277
15700	0.35428	453	0.37593	19	0.30053	55	668.2	31	15.307	150	0.60655	276
15800	0.35881	456	0.37612	19	0.30108	56	665.1	31	15.457	151	0.60931	274
15900	0.36337	459	0.37631	19	0.30164	56	662.0	30	15.608	151	0.61205	273
16000	0.36796	463	0.37650	19	0.30220	57	659.0	30	15.759	152	0.61478	272
16100	0.37259	466	0.37669	19	0.30277	57	656.0	31	15.911	153	0.61750	272
16200	0.37725	470	0.37688	19	0.30334	58	652 9	30	16.064	154	0.62022	270
16300	0.38195	473	0.37707	19	0.30392	59	649.9	30	16.218	154	0.62292	269
16400	0.38668	477	0.37726	19	0.30451	59	646.9	30	16.382	155	0.62561	269
16500	0.39145	481	0.37745	19	0.30510	59	643.9	30	16.527	156	0.62830	268
16600	0.39626	484	0.37764	19	0.30569	59	640.9	30	16.683	156	0.63098	266
16700	0.40110	488	0.37783	19	0.30628	60	637.9	30	16.839	157	0.63364	266
16800	0.40598	492	0.37802	20	0.30688	61	634.9	30	16.996	158	0.63630	265
16900	0.41090	495	0.37822	20	0.30749	61	631.9	29	17.154	159	0.63895	264
17000	0.41585	499	0.37842	20	0.30810	61	629.0	30	17.313	159	0.64159	263
17100	0.42084	503	0.37862	19	0.30871	61	626.0	29	17.472	160	0.64422	263
17200	0.42587	506	0.37881	19	0.30932	62	623.1	29	17.632	161	0.64685	262
17300	0.43093	511	0.37900	20	0.30994	63	620.2	30	17.793	162	0.64947	261
17400	0.43604	514	0.37920	20	0.31057	63	617.2	29	17.955	163	0.65208	261
17500	0.44118	518	0.37940	20	0.31120	63	614.3	29	18.118	163	0.65469	259
17600	0.44636	522	0.37960	20	0.31183	63	611.4	28	18.281	164	0.65728	259
17700	0.45158	526	0.37980	20	0.31246	64	608.6	29	18.445	164	0.65987	258
17800	0.45684	530	0.38000	20	0.31310	65	605.7	29	18.609	166	0.66245	257
17900	0.46214	534	0.38020	20	0.31375	65	602.8	28	18.775	166	0.66502	257
18000	0.46748	538	0.38040	20	0.31440	66	600.0	27	18.941	167	0.66759	256
18100	0.47286	542	0.38060	20	0.31506	66	597.3	27	19.108	168	0.67015	256
18200	0.47828	546	0.38080	20	0.31572	67	594.6	27	19.276	168	0.67271	255
18300	0.48374	550	0.38100	20	0.31639	68	591.9	27	19.444	170	0.67526	254
18400	0.48924	554	0.38120	20	0.31707	68	589.2	27	19.614	170	0.67780	254
18500	0.49478	558	0.38140	20	0.31775	68	586.5	27	19.784	171	0.68034	253
18600	0.50036	562	0.38160	20	0.31843	68	583.8	27	19.955	172	0.68287	252
18700	0.50598	567	0.38180	21	0.31911	69	581.1	27	20.127	173	0.68539	251
18800	0.51165	570	0.38201	21	0.31980	70	578.4	27	20.300	173	0.68790	251
18900	0.51735	574	0.38222	21	0.32050	70	575.7	27	20.473	174	0.69041	251
19000	0.52309	579	0.38243	21	0.32120	70	573.0	28	20.647	175	0.69292	250
19100	0.52888	583	0.38264	21	0.32190	71	570.2	27	90.822	176	0.69542	249
19200	0.53471	587	0.38285	21	0.32261	72	567.5	27	20.998	177	0.69791	249
19300	0.54058	592	0.38306	21	0.32332	72	564.8	27	21.175	178	0.70040	249
19400	0.54650	596	0.38327	21	0.32404	72	562.1	27	21.353	178	0.70289	248
19500	0.55246	601	0.38348	21	0.32476	72	559.4	27	21.531	179	0.70537	247
19600	0.55847	605	0.38369	22	0.32548	72	556.7	27	21.710	180	0.70784	247
19700	0.56452	609	0.38391	22	0.32620	73	554.0	27	21.890	181	0.71031	246
19800	0.57061	614	0.38413	22	0.32693	73	551.3	27	22.071	181	0.71277	246
19900	0.57675	618	0.38435	22	0.32766	74	548.6	26	22.252	183	0.71523	245
20000	0.58293	623	0.38457	22	0.32840	74	546.0	26	22.435	183	0.71768	245

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TABLE II. $V=2{,}450$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	54	0.25000	110	0.00000	346	2450.0	290	0.000	41	0.00000	411
100	0.00054	55	0.25110	109	0.00346	347	2421.0	288	0.041	41	0.00411	405
200	0.00109	56	0.25219	108	0.00693	349	2392.2	286	0.082	42	0.00816	399
300	0.00165	57	0.25327	107	0.01042	351	2363.6	284	0.124	42	0.01215	393
400	0.00222	58	0.25434	107	0.01393	352	2335.2	283	0.166	43	0.01608	386
500	0.00280	59	0.25541	106	0.01745	354	2306.9	281	0.209	44	0.01994	378
600	0.00339	60	0.25647	106	0.02099	355	2278.8	280	0.253	44	0.02372	371
700	0.00399	61	0.25753	105	0.02454	357	2250.8	278	0.297	45	0.02743	364
800	0.00460	62	0.25858	104	0.02811	359	2223.0	276	0.342	45	0.03107	357
900	0.00522	63	0.25962	103	0.03170	360	2195.4	274	0.387	46	0.03464	354
1000	0.00585	64	0.26065	103	0.03530	361	2168.0	272	0.433	47	0.03818	353
1100	0.00649	64	0.26168	104	0.03891	363	2140.8	269	0.480	47	0.04171	355
1200	0.00713	66	0.26272	105	0.04254	364	2113.9	266	0.527	47	0.04526	359
1300	0.00779	68	0.26377	106	0.04618	367	2087.3	263	0.574	49	0.04885	361
1400	0.00847	68	0.26483	107	0.04985	368	2061.0	260	0.623	49	0.05246	365
1500	0.00915	69	0.26590	107	0.05353	370	2035.0	257	0.672	49	0.05611	367
1600	0.00984	70	0.26697	108	0.05723	373	2009.3	254	0.721	50	0.05978	369
1700	0.01054	71	0.26805	108	0.06096	374	1983.9	251	0.771	51	0.06347	373
1800	0.01125	72	0.26913	110	0.06470	375	1958.8	248	0.822	52	0.06720	375
1900	0.01197	74	0.27023	112	0.06845	378	1934.0	245	0.874	52	0.07095	379
2000	0.01271	75	0.27135	113	0.07223	378	1909.5	243	0.926	53	0.07474	382
2100	0.01346	77	0.27248	114	0.07601	377	1885.2	241	0.979	53	0.07856	386
2200	0.01423	78	0.27362	114	0.07978	378	1861.1	240	1.032	54	0.08242	389
2300	0.01501	80	0.27476	115	0.08356	378	1837.1	237	1.086	55	0.08631	392
2400	0.01581	82	0.27591	115	0.08734	378	1813.4	235	1.141	56	0.09023	395
2500	0.01663	83	0.27706	116	0.09112	377	1789.9	234	1.197	56	0.09418	399
2600	0.01746	84	0.27822	118	0.09489	378	1766.5	232	1.253	57	0.09817	402
2700	0.01830	86	0.27940	119	0.09867	378	1743.3	230	1.310	58	0.10219	406
2800	0.01916	87	0.28059	120	0.10245	377	1720.3	228	1.368	58	0.10625	409
2900	0.02003	89	0.28179	121	0.10622	378	1697.5	226	1.426	59	0.11034	412
3000	0.02092	90	0.28300	122	0.11000	378	1674.9	223	1.485	60	0.11446	414
3100	0.02182	93	0.28422	122	0.11378	379	1652.6	219	1.545	61	0.11860	417
3200	0.02275	94	0.28544	123	0.11757	381	1630.7	217	1.606	62	0.12277	419
3300	0.02369	96	0.28667	124	0.12138	381	1609.0	213	1.668	62	0.12696	423
3400	0.02465	98	0.28791	124	0.12519	382	1587.7	209	1.730	64	0.13119	427
3500	0.02563	99	0.28915	125	0.12901	383	1566.8	206	1.794	64	0.13546	429
3600	0.02662	101	0.29040	126	0.13284	385	1546.2	203	1.858	65	0.13975	432
3700	0.02763	103	0.29166	127	0.13669	386	1525.9	200	1.923	66	0.14407	436
3800	0.02866	105	0.29293	128	0.14055	388	1505.9	196	1.989	67	0.14843	439
3900	0.02971	107	0.29421	129	0.14443	389	1486.3	193	2.056	68	0.15282	441
4000	0.03078	109	0.29550	129	0.14832	385	1467.0	190	2.124	69	0.15723	444
4100	0.03187	112	0.29679	130	0.15217	378	1448.0	187	2.193	69	0.16167	446
4200	0.03299	113	0.29809	131	0.15595	372	1429.3	184	2.262	71	0.16613	448
4300	0.03412	116	0.29940	132	0.15967	367	1410.9	181	2.333	71	0.17061	451
4400	0.03528	119	0.30072	133	0.16334	364	1392.8	178	2.404	72	0.17512	453
4500	0.03647	120	0.30205	133	0.16698	366	1375.0	176	2.476	73	0.17965	454
4600	0.03767	122	0.30338	134	0.17064	370	1357.4	173	2.549	74	0.18419	456
4700	0.03889	125	0.30472	134	0.17434	372	1340.1	170	2.623	75	0.18875	459
4800	0.04014	128	0.30606	135	0.17806	376	1323.1	167	2.698	76	0.19334	461
4900	0.04142	129	0.30741	136	0.18182	376	1306.4	164	2.774	77	0.19795	463
5000	0.04271	132	0.30877	136	0.18558	371	1290.0	161	2.851	78	0.20258	464

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TABLE II. *V=2,450 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log E'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.04271	132	0.30877	136	0.18558	371	1290.0	161	2.851	78	0.20258	464
5100	0.04403	135	0.31013	136	0.18929	363	1273.9	156	2.929	79	0.20722	465
5200	0.04538	137	0.31149	135	0.19292	355	1258.3	150	3.008	80	0.21187	467
5300	0.04675	140	0.31284	135	0.19647	347	1243.3	145	3.088	81	0.21654	468
5400	0.04815	143	0.31419	134	0.19994	340	1228.8	140	3.169	82	0.22122	470
5500	0.04958	145	0.31553	133	0.20334	333	1214.8	134	3.251	83	0.22592	472
5600	0.05103	149	0.31686	133	0.20667	325	1201.4	129	3.334	84	0.23064	473
5700	0.05252	150	0.31819	132	0.20992	317	1188.5	124	3.418	84	0.23537	475
5800	0.05402	154	0.31951	132	0.21309	309	1176.1	118	3.502	86	0.24012	476
5900	0.05556	156	0.32083	131	0.21618	301	1164.3	113	3.588	86	0.24488	478
6000	0.05712	159	0.32214	131	0.21919	291	1153.0	110	3.674	87	0 24966	478
6100	0.05871	162	0.32345	130	0.22210	283	1142.0	107	3.761	88	0.25444	477
6200	0.06033	165	0.32475	129	0.22493	272	1131.3	103	3.849	89	0.25921	476
6300	0.06198	168	0.32604	128	0.22765	264	1121.0	100	3.938	90	0.26397	475
6400	0.06366	170	0.32732	126	0.23029	254	1111.0	97	4.028	90	0.26872	474
6500	0.06536	173	0.32858	125	0.23283	245	1101.3	93	4.118	91	0.27346	472
6600	0.06709	177	0.32983	124	0.23528	235	1092.0	90	4.209	92	0.27818	471
6700	0.06886	179	0.33107	122	0.23763	227	1083.0	87	4.301	92	0.28289	471
6800	0.07065	181	0.33229	121	0.23990	217	1074.3	83	4.393	94	0.28760	469
6900	0.07246	185	0.33350	120	0.24207	206	1066.0	80	4.487	94	0.29229	468
7000	0.07431	188	0.33470	119	0.24413	199	1058.0	78	4.581	95	0.29697	467
7100	0.07619	190	0.33589	117	0.24612	191	1050.2	76	4.676	95	0.30164	465
7200	0.07809	194	0.33706	115	0.24803	183	1042.6	74	4.771	96	0.30629	463
7300	0.08003	196	0.33821	112	0.24986	175	1035.2	72	4.867	97	0.31092	461
7400	0.08199	199	0.33933	109	0.25161	167	1028.0	70	4.964	98	0.31553	459
7500	0.08398	202	0.34042	107	0.25328	159	1021.0	68	5.062	98	0.32012	457
7600	0.08600	205	0.34149	104	0.25487	150	1014.2	65	5.160	98	0.32469	455
7700	0.08805	208	0.34253	101	0.25637	143	1007.7	63	5.258	100	0.32924	453
7800	0.09013	211	0.34354	99	0.25780	135	1001.4	61	5.358	100	0.33377	450
7900	0.09224	213	0.34453	97	0.25915	127	995.3	59	5.458	101	0.33827	449
8000	0.09437	217	0.34550	94	0.26042	122	989.4	58	5.559	101	0.34276	446
8100	0.09654	218	0.34644	92	0.26164	117	983.6	57	5.660	102	0.34722	443
8200	0.09872	222	0.34736	90	0.26281	113	977.9	56	5.762	103	0.35165	440
8300	0.10094	225	0.34826	89	0.26394	109	972.3	56	5.865	103	0.35605	437
8400	0.10319	228	0.34915	88	0.26503	105	966.7	56	5.968	104	0.36042	434
8500	0.10547	230	0.35003	86	0.26608	101	961.1	55	6.072	104	0.36476	431
8600	0.10777	233	0.35089	85	0.26709	97	955.6	54	6.176	105	0.36907	427
8700	0.11010	236	0.35174	83	0.26806	92	950.2	54	6.281	106	0.37334	424
8800	0.11246	239	0.35257	81	0.26898	87	944.8	54	6.387	106	0.37758	421
8900	0.11485	242	0.35338	80	0.26985	83	939.4	53	6.493	107	0.38179	418
9000	0.11727	244	0.35418	78	0.27068	80	934.1	53	6.600	107	0.38597	415
9100	0.11971	247	0.35496	75	0.27148	78	928.8	52	6.707	108	0.39012	413
9200	0.12218	250	0.35571	73	0.27226	75	923.6	51	6.815	109	0.39425	410
9300	0.12468	253	0.35644	70	0.27301	73	918.5	50	6.924	109	0.39835	407
9400	0.12721	256	0.35714	68	0.27374	70	913.5	49	7.033	110	0.40242	404
9500	0.12977	258	0.35782	66	0.27444	68	908.6	48	7.143	110	0.40646	401
9600	0.13235	261	0.35848	63	0.27512	65	903.8	47	7.253	111	0.41047	398
9700	0.13496	264	0.35911	61	0.27577	63	899.1	47	7.364	111	0.41445	395
9800	0.13760	267	0.35972	58	0.27640	60	894.4	47	7.475	112	0.41840	393
9900	0.14027	269	0.36030	56	0.27700	58	889.7	47	7.587	113	0.42233	390
10000	0.14296	272	0.36086	55	0.27758	57	885.0	47	7.700	113	0.42623	387

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TABLE II. $V = 2{,}450$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.14296	272	0.36086	55	0.27758	57	885.0	47	7.700	113	0.42623	387
10100	0.14568	275	0.36141	53	0.27815	56	880.3	46	7.813	114	0.43010	385
10200	0.14843	278	0.36194	52	0.27871	55	875.7	45	7.927	115	0.43395	382
10300	0.15121	281	0.36246	51	0.27926	54	871.2	45	8.042	115	0.43777	380
10400	0.15402	284	0.36297	50	0.27980	54	866.7	45	8.157	116	0.44157	377
10500	0.15686	286	0.36347	49	0.28034	53	862.2	44	8.273	116	0.44534	374
10600	0.15972	289	0.36396	48	0.28087	52	857.8	43	8.389	117	0.44908	372
10700	0.16261	292	0.36444	46	0.28139	52	853.5	43	8.506	117	0.45280	369
10800	0.16553	295	0.36490	45	0.28191	51	849.2	42	8.623	118	0.45649	366
10900	0.16848	298	0.36535	44	0.28242	50	845.0	42	8.741	119	0.46015	364
11000	0.17146	300	0.36579	43	0.28292	50	840.8	42	8.860	119	0.46379	361
11100	0.17446	304	0.36622	42	0.28342	49	836.6	41	8.979	120	0.46740	359
11200	0.17750	306	0.36664	41	0.28391	48	832.5	41	9.099	121	0.47099	357
11300	0.18056	309	0.36705	40	0.28439	47	828.4	41	9.220	121	0.47456	354
11400	0.18365	312	0.36745	39	0.28486	47	824.3	40	9.341	121	0.47810	352
11500	0.18677	315	0.36784	38	0.28533	46	820.3	40	9.462	122	0.48162	349
11600	0.18992	317	0.36822	36	0.28579	46	816.3	39	9.584	123	0.48511	348
11700	0.19309	321	0.36858	35	0.28625	44	812.4	39	9.707	124	0.48859	345
11800	0.19630	323	0.36893	34	0.28669	44	808.5	38	9.831	124	0.49204	343
11900	0.19953	326	0.36927	33	0.28713	43	804.7	38	9.955	124	0.49547	340
12000	0.20279	329	0.36960	32	0.28756	43	800.9	38	10.079	125	0.49887	339
12100	0.20608	332	0.36992	32	0.28799	43	797.1	38	10.204	126	0.50226	337
12200	0.20940	335	0.37024	31	0.28842	42	793.3	38	10.330	126	0.50563	335
12300	0.21275	338	0.37055	30	0.28884	43	789.5	37	10.456	127	0.50898	333
12400	0.21613	341	0.37085	30	0.28927	43	785.8	37	10.583	128	0.51231	331
12500	0.21954	343	0.37115	29	0.28970	43	782.1	37	10.711	128	0.51562	328
12600	0.22297	347	0.37144	28	0.29013	43	778.4	36	10.839	129	0.51890	327
12700	0.22644	350	0.37172	27	0.29056	42	774.8	36	10.968	129	0.52217	325
12800	0.22994	353	0.37199	27	0.29098	43	771.2	35	11.097	130	0.52542	323
12900	0.23347	355	0.37226	26	0.29141	43	767.7	35	11.227	131	0.52865	321
13000	0.23702	358	0.37252	25	0.29184	42	764.2	36	11.358	131	0.53186	319
13100	0.24060	362	0.37277	25	0.29226	43	760.6	36	11.489	132	0.53505	317
13200	0.24422	364	0.37302	24	0.29269	43	757.0	35	11.621	132	0.53822	315
13300	0.24786	368	0.37326	24	0.29312	43	753.5	35	11.753	133	0.54137	314
13400	0.25154	370	0.37350	24	0.29355	43	750.0	35	11.886	134	0.54451	313
13500	0.25524	374	0.37374	24	0.29398	43	746.5	35	12.020	134	0.54764	311
13600	0.25898	377	0.37398	24	0.29441	44	743.0	35	12.154	135	0.55075	309
13700	0.26275	379	0.37422	23	0.29485	44	739.5	34	12.289	135	0.55384	307
13800	0.26654	383	0.37445	22	0.29529	44	736.1	34	12.424	136	0.55691	305
13900	0.27037	386	0.37467	22	0.29573	44	732.7	34	12.560	137	0.55996	304
14000	0.27423	389	0.37489	21	0.29617	45	729.3	34	12.697	137	0.56300	302
14100	0.27812	392	0.37510	21	0.29662	45	725.9	34	12.834	138	0.56602	301
14200	0.28204	395	0.37531	21	0.29707	46	722.5	34	12.972	139	0.56903	300
14300	0.28599	399	0.37552	21	0.29753	46	719.1	34	13.111	139	0.57203	298
14400	0.28998	402	0.37573	20	0.29799	46	715.7	33	13.250	140	0.57501	297
14500	0.29400	404	0.37593	20	0.29845	47	712.4	34	13.390	141	0.57798	295
14600	0.29804	408	0.37613	20	0.29892	47	709.0	33	13.531	141	0.58093	294
14700	0.30212	411	0.37633	20	0.29939	48	705.7	33	13.672	142	0.58387	293
14800	0.30623	414	0.37653	20	0.29987	48	702.4	33	13.814	143	0.58680	291
14900	0.31037	417	0.37673	20	0.30035	49	699.1	33	13.957	143	0.58971	290
15000	0.31454	421	0.37693	21	0.30084	49	695.8	32	14.100	144	0.59261	289

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TABLE II. $V=2{,}450$ *f. s.*—Continued.

$Z-\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.31454	421	0.37693	21	0.30084	49	695.8	32	14.100	144	0.59261	289
15100	0.31875	424	0.37714	20	0.30133	50	692.6	33	14.244	145	0.59550	287
15200	0.32299	428	0.37734	20	0.30183	50	689.3	32	14.389	146	0.59837	286
15300	0.32727	431	0.37754	20	0.30233	50	686.1	31	14.535	146	0.60123	285
15400	0.33158	434	0.37774	20	0.30283	51	683.0	32	14.681	147	0.60408	284
15500	0.33592	437	0.37794	19	0.30334	51	679.8	32	14.828	147	0.60692	283
15600	0.34029	441	0.37813	19	0.30385	52	676.6	31	14.975	148	0.60975	281
15700	0.34470	444	0.37832	19	0.30437	53	673.5	32	15.123	149	0.61256	281
15800	0.34914	448	0.37851	19	0.30490	53	670.3	31	15.272	150	0.61537	279
15900	0.35362	451	0.37870	18	0.30543	53	667.2	31	15.422	150	0.61816	278
16000	0.35813	454	0.37888	19	0.30596	54	664.1	31	15.572	151	0.62094	276
16100	0.36267	458	0.37907	18	0.30650	54	661.0	31	15.723	151	0.62370	276
16200	0.36725	462	0.37925	19	0.30704	55	657.9	30	15.874	152	0.62646	275
16300	0.37187	465	0.37944	18	0.30759	55	654.9	31	16.026	153	0.62921	274
16400	0.37652	469	0.37962	19	0.30814	56	651.8	30	16.179	154	0.63195	274
16500	0.38121	472	0.37981	19	0.30870	56	648.8	30	16.333	155	0.63469	272
16600	0.38593	476	0.38000	18	0.30926	57	645.8	31	16.488	155	0.63741	271
16700	0.39069	479	0.38018	19	0.30983	58	642.7	30	16.643	156	0.64012	270
16800	0.39548	483	0.38037	18	0.31041	58	639.7	29	16.799	157	0.64282	270
16900	0.40031	486	0.38055	19	0.31099	58	636.8	30	16.956	157	0.64552	269
17000	0.40517	490	0.38074	19	0.31157	59	633.8	29	17.113	158	0.64821	268
17100	0.41007	494	0.38093	18	0.31216	59	630.9	30	17.271	159	0.65089	266
17200	0.41501	497	0.38111	19	0.31275	60	627.9	29	17.430	159	0.65355	266
17300	0.41998	502	0.38130	19	0.31335	60	625.0	29	17.589	161	0.65621	265
17400	0.42500	505	0.38149	19	0.31395	61	622.1	29	17.750	161	0.65886	265
17500	0.43005	509	0.38168	18	0.31456	61	619.2	29	17.911	162	0.66151	263
17600	0.43514	513	0.38186	19	0.31517	62	616.3	29	18.073	162	0.66414	263
17700	0.44027	516	0.38205	19	0.31579	62	613.4	28	18.235	164	0.66677	262
17800	0.44543	521	0.38224	18	0.31641	63	610.6	29	18.399	164	0.66939	261
17900	0.45064	524	0.38242	19	0.31704	63	607.7	28	18.563	165	0.67200	260
18000	0.45588	528	0.38261	19	0.31767	64	604.9	28	18.728	166	0.67460	260
18100	0.46116	532	0.38280	19	0.31831	64	602.1	28	18.894	166	0.67720	259
18200	0.46648	536	0.38299	20	0.31895	65	599.3	28	19.060	168	0.67979	258
18300	0.47184	541	0.38319	19	0.31960	65	596.5	28	19.228	168	0.68237	257
18400	0.47725	544	0.38338	19	0.32025	65	593.7	28	19.396	169	0.68494	257
18500	0.48269	548	0.38357	20	0.32090	66	590.9	28	19.565	169	0.68751	257
18600	0.48817	553	0.38377	19	0.32156	66	588.1	27	19.734	171	0.69008	256
18700	0.49370	556	0.38396	20	0.32222	67	585.4	27	19.905	171	0.69264	255
18800	0.49926	560	0.38416	19	0.32289	68	582.7	28	20.076	172	0.69519	254
18900	0.50486	565	0.38435	20	0.32357	67	579.9	27	20.248	173	0.69773	254
19000	0.51051	569	0.38455	20	0.32424	67	577.2	27	20.421	174	0.70027	253
19100	0.51620	573	0.38475	20	0.32491	68	574.5	27	20.595	174	0.70280	253
19200	0.52193	578	0.38495	20	0.32559	68	571.8	26	20.769	175	0.70533	252
19300	0.52771	582	0.38515	20	0.32627	69	569.2	27	20.944	176	0.70785	252
19400	0.53353	586	0.38535	21	0.32696	69	566.5	26	21.120	177	0.71037	252
19500	0.53939	590	0.38556	20	0.32765	69	563.9	27	21.297	178	0.71289	250
19600	0.54529	595	0.38576	21	0.32834	70	561.2	26	21.475	178	0.71539	250
19700	0.55124	600	0.38596	20	0.32904	70	558.6	26	21.653	180	0.71789	250
19800	0.55724	603	0.38617	20	0.32974	71	556.0	26	21.833	180	0.72039	249
19900	0.56327	608	0.38637	21	0.33045	71	553.4	26	22.013	181	0.72288	249
20000	0.56935	612	0.38658	21	0.33116	71	550.8	26	22.194	181	0.72537	249

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TABLE II. $V=2{,}500\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	52	0.25000	110	0.00000	350	2500.0	296	0.000	40	0.00000	339
100	0.00052	53	0.25110	109	0.00350	350	2470.4	294	0.040	41	0.00339	342
200	0.00105	53	0.25219	108	0.00700	350	2441.0	292	0.081	41	0.00681	345
300	0.00158	54	0.25327	108	0.01050	350	2411.8	290	0.122	42	0.01026	348
400	0.00212	55	0.25435	107	0.01400	350	2382.8	287	0.164	42	0.01374	351
500	0.00267	57	0.25542	106	0.01750	350	2354.1	285	0.206	43	0.01725	353
600	0.00324	57	0.25648	106	0.02100	352	2325.6	282	0.249	43	0.02078	356
700	0.00381	58	0.25754	105	0.02452	354	2297.4	280	0.292	44	0.02434	359
800	0.00439	59	0.25859	105	0.02806	356	2269.4	278	0.336	44	0.02793	362
900	0.00498	60	0.25964	104	0.03162	358	2241.6	276	0.380	45	0.03155	364
1000	0.00558	61	0.26068	104	0.03520	360	2214.0	274	0.425	45	0.03519	368
1100	0.00619	62	0.26172	104	0.03880	361	2186.6	271	0.470	46	0.03887	371
1200	0.00681	63	0.26276	104	0.04241	361	2159.5	269	0.516	47	0.04258	373
1300	0.00744	64	0.26380	104	0.04602	362	2132.6	266	0.563	47	0.04631	376
1400	0.00808	66	0.26484	105	0.04964	363	2106.0	264	0.610	48	0.05007	379
1500	0.00874	66	0.26589	106	0.05327	364	2079.6	262	0.658	48	0.05386	381
1600	0.00940	68	0.26795	107	0.05691	365	2053.4	260	0.706	49	0.05767	384
1700	0.01008	69	0.26802	109	0.06056	366	2027.4	257	0.755	50	0.06151	386
1800	0.01077	70	0.26911	111	0.06422	368	2001.7	255	0.805	50	0.06537	389
1900	0.01147	71	0.27022	113	0.06790	370	1976.2	252	0.855	51	0.06926	392
2000	0.01218	72	0.27135	115	0.07160	372	1951.0	251	0.906	52	0.07318	393
2100	0.01290	74	0.27250	116	0.07532	374	1925.9	248	0.958	52	0.07711	395
2200	0.01364	75	0.27366	117	0.07906	376	1901.1	245	1.010	53	0.08106	398
2300	0.01439	77	0.27483	117	0.08282	378	1876.6	243	1.063	54	0.08504	400
2400	0.01516	78	0.27600	119	0.08660	380	1852.3	240	1.117	54	0.08904	403
2500	0.01594	79	0.27719	120	0.09040	380	1828.3	238	1.171	55	0.09307	404
2600	0.01673	81	0.27839	120	0.09420	380	1804.5	235	1.226	56	0.09711	408
2700	0.01754	82	0.27959	122	0.09800	380	1781.0	233	1.282	57	0.10119	409
2800	0.01836	84	0.28081	122	0.10180	380	1757.7	230	1.339	57	0.10528	413
2900	0.01920	85	0.28203	123	0.10560	380	1734.7	227	1.396	58	0.10941	414
3000	0.02005	87	0.28326	123	0.10940	380	1712.0	223	1.454	59	0.11355	417
3100	0.02092	88	0.28449	123	0.11320	380	1689.7	221	1.513	59	0.11772	420
3200	0.02180	90	0.28572	123	0.11700	380	1667.6	218	1.572	60	0.12192	422
3300	0.02270	92	0.28695	124	0.12080	381	1645.8	215	1.632	61	0.12614	424
3400	0.02362	94	0.28819	125	0.12461	382	1624.3	212	1.693	62	0.13038	427
3500	0.02456	95	0.28944	125	0.12843	382	1603.1	209	1.755	63	0.13465	428
3600	0.02551	97	0.29069	126	0.13225	382	1582.2	206	1.818	64	0.13893	431
3700	0.02648	99	0.29195	126	0.13607	382	1561.6	204	1.882	64	0.14324	434
3800	0.02747	101	0.29321	127	0.13989	381	1541.2	202	1.946	66	0.14758	436
3900	0.02848	102	0.29448	127	0.14370	380	1521.0	200	2.012	66	0.15194	438
4000	0.02950	104	0.29575	128	0.14750	379	1501.0	198	2.078	67	0.15632	441
4100	0.03054	107	0.29703	128	0.15129	378	1481.2	196	2.145	68	0.16073	444
4200	0.03161	109	0.29831	128	0.15507	377	1461.6	193	2.213	68	0.16517	446
4300	0.03270	111	0.29959	129	0.15884	376	1442.3	189	2.281	70	0.16963	448
4400	0.03381	113	0.30088	130	0.16260	376	1423.4	186	2.351	71	0.17411	450
4500	0.03494	115	0.30218	129	0.16636	377	1404.8	183	2.422	72	0.17861	452
4600	0.03609	117	0.30347	130	0.17013	377	1386.5	179	2.494	73	0.18313	454
4700	0.03726	119	0.30477	131	0.17390	377	1368.6	175	2.567	73	0.18767	456
4800	0.03845	122	0.30608	131	0.17767	377	1351.1	172	2.640	74	0 19223	458
4900	0.03967	124	0.30739	131	0.18144	376	1333.9	169	2.714	76	0.19681	461
5000	0.04091	126	0.30870	131	0.18520	373	1317.0	165	2.790	76	0.20142	463

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TABLE II. $V=2{,}500$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.04091	126	0.30870	131	0.18520	378	1317.0	165	2.790	76	0.20142	463
5100	0.04217	129	0.31001	132	0.18898	369	1300.5	160	2.866	78	0.20605	465
5200	0.04346	131	0.31133	132	0.19262	364	1284.5	155	2.944	78	0.21070	466
5300	0.04477	134	0.31265	133	0.19626	358	1269.0	150	3.022	79	0.21536	468
5400	0.04611	137	0.31398	133	0.19984	352	1254.0	146	3.101	80	0.22004	469
5500	0.04748	139	0.31531	133	0.20336	345	1239.4	142	3.181	81	0.22473	471
5600	0.04887	142	0.31664	134	0.20681	338	1225.2	138	3.262	82	0.22944	473
5700	0.05029	145	0.31798	134	0.21019	331	1211.4	133	3.344	83	0.23417	475
5800	0.05174	147	0.31932	135	0.21350	324	1198.1	128	3.427	84	0.23892	477
5900	0.05321	150	0.32067	135	0.21674	316	1185.3	123	3.511	85	0.24369	479
6000	0.05471	153	0.32202	132	0.21990	308	1173.0	117	3.596	86	0.24848	480
6100	0.05624	155	0.32334	131	0.22298	299	1161.3	113	3.682	87	0.25328	480
6200	0.05779	158	0.32465	130	0.22597	290	1150.0	109	3.769	87	0.25808	479
6300	0.05937	161	0.32595	129	0.22887	281	1139.1	105	3.856	88	0.26287	478
6400	0.06098	164	0.32724	129	0.23168	272	1128.6	101	3.944	89	0.26765	478
6500	0.06262	167	0.32853	127	0.23440	263	1118.5	97	4.033	90	0.27243	477
6600	0.06429	170	0.32980	127	0.23703	253	1108.8	94	4.123	91	0.27720	476
6700	0.06599	172	0.33107	125	0.23956	242	1099.4	91	4.214	91	0.28196	475
6800	0.06771	175	0.33232	125	0.24198	231	1090.3	88	4.305	92	0.28671	474
6900	0.06946	178	0.33357	123	0.24429	221	1081.5	85	4.397	93	0.29145	473
7000	0.07124	181	0.33480	121	0.24650	212	1073.0	83	4.490	94	0.29618	473
7100	0.07305	184	0.33601	118	0.24862	204	1064.7	80	4.584	94	0.30091	472
7200	0.07489	187	0.33719	117	0.25066	196	1056.7	78	4.678	95	0.30563	470
7300	0.07676	190	0.33836	116	0.25262	188	1048.9	77	4.773	96	0.31033	468
7400	0.07866	192	0.33952	113	0.25450	180	1041.2	73	4.869	96	0.31501	466
7500	0.08058	195	0.34065	111	0.25630	172	1033.9	73	4.965	97	0.31967	464
7600	0.08253	198	0.34176	109	0.25802	164	1026.6	69	5.062	98	0.32431	462
7700	0.08451	201	0.34285	107	0.25966	156	1019.7	68	5.160	98	0.32893	461
7800	0.08652	204	0.34392	105	0.26122	148	1012.9	66	5.258	99	0.33354	459
7900	0.08856	206	0.34497	104	0.26270	140	1006.3	63	5.357	100	0.33813	456
8000	0.09062	209	0.34601	102	0.26410	134	1000.0	62	5.457	100	0.34269	453
8100	0.09271	213	0.34703	100	0.26544	128	993.8	61	5.557	101	0.34722	450
8200	0.09484	215	0.34803	97	0.26672	123	987.7	60	5.658	102	0.35172	447
8300	0.09699	218	0.34900	96	0.26795	118	981.7	59	5.760	102	0.35619	445
8400	0.09917	221	0.34996	94	0.26913	113	975.8	57	5.862	103	0.36064	442
8500	0.10138	223	0.35090	91	0.27026	107	970.1	57	5.965	103	0.36506	439
8600	0.10361	223	0.35181	89	0.27133	102	964.4	55	6.068	104	0.36945	436
8700	0.10587	229	0.35270	88	0.27235	97	958.9	54	6.172	105	0.37381	433
8800	0.10816	232	0.35358	85	0.27332	92	953.5	53	6.277	105	0.37814	431
8900	0.11048	235	0.35443	83	0.27424	86	948.2	52	6.382	106	0.38245	429
9000	0.11283	238	0.35526	79	0.27510	82	943.0	53	6.488	106	0.38674	425
9100	0.11521	240	0.35605	77	0.27592	80	937.7	52	6.594	107	0.39099	422
9200	0.11761	243	0.35682	76	0.27672	78	932.5	51	6.701	108	0.39521	420
9300	0.12004	246	0.35758	73	0.27750	76	927.4	51	6.809	108	0.39941	416
9400	0.12250	249	0.35831	71	0.27826	74	922.3	50	6.917	109	0.40357	414
9500	0.12499	252	0.35902	70	0.27900	70	917.3	50	7.026	109	0.40771	411
9600	0.12751	254	0.35972	67	0.27970	68	912.3	49	7.135	110	0.41182	408
9700	0.13005	257	0.36039	66	0.28038	66	907.4	49	7.245	110	0.41590	405
9800	0.13262	260	0.36105	63	0.28104	64	902.5	48	7.355	111	0.41995	402
9900	0.13522	263	0.36168	62	0.28168	62	897.7	47	7.466	112	0.42397	400
10000	0.13785	265	0.36230	60	0.28230	60	893.0	47	7.578	112	0.42797	396

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TABLE II. $V=2{,}500$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.13785	265	0.36230	60	0.28230	60	893.0	47	7.578	112	0.42797	396
10100	0.14050	268	0.36290	59	0.28290	58	888.3	46	7.690	113	0.43193	393
10200	0.14318	271	0.36349	57	0.28348	56	883.7	46	7.803	114	0.43586	390
10300	0.14589	274	0.36406	56	0.28404	55	879.1	46	7.917	114	0.43976	388
10400	0.14863	277	0.36462	54	0.28459	54	874.5	45	8.031	115	0.44364	385
10500	0.15140	279	0.36516	52	0.28513	53	870.0	45	8.146	115	0.44749	383
10600	0.15419	282	0.36568	51	0.28566	52	865.5	44	8.261	116	0.45132	380
10700	0.15701	285	0.36619	50	0.28618	51	861.1	44	8.377	116	0.45512	377
10800	0.15986	288	0.36669	48	0.28669	51	856.7	44	8.493	117	0.45889	375
10900	0.16274	291	0.36717	46	0.28720	50	852.3	43	8.610	118	0.46264	372
11000	0.16565	293	0.36763	45	0.28770	48	848.0	43	8.728	118	0.46636	370
11100	0.16858	297	0.36808	43	0.28818	47	843.7	42	8.846	119	0.47006	367
11200	0.17155	299	0.36851	43	0.28865	46	839.5	42	8.965	120	0.47373	365
11300	0.17454	302	0.36894	41	0.28911	46	835.3	42	9.085	120	0.47738	362
11400	0.17756	305	0.36935	41	0.28957	46	831.1	41	9.205	120	0.48100	360
11500	0.18061	307	0.36976	38	0.29003	44	827.0	41	9.325	121	0.48460	358
11600	0.18368	311	0.37014	38	0.29047	44	822.9	40	9.446	122	0.48818	356
11700	0.18679	314	0.37052	37	0.29091	44	818.9	40	9.568	122	0.49174	353
11800	0.18993	316	0.37089	36	0.29135	43	814.9	40	9.690	123	0.49527	351
11900	0.19309	319	0.37125	34	0.29178	42	810.9	39	9.813	124	0.49878	348
12000	0.19628	322	0.37159	34	0.29220	43	807.0	38	9.937	124	0.50226	346
12100	0.19950	325	0.37193	33	0.29263	43	803.2	38	10.061	125	0.50572	344
12200	0.20275	328	0.37226	32	0.29306	42	799.4	38	10.186	125	0.50916	342
12300	0.20603	331	0.37258	32	0.29348	42	795.6	38	10.311	126	0.51258	340
12400	0.20934	333	0.37290	31	0.29390	43	791.8	37	10.437	126	0.51598	338
12500	0.21267	337	0.37321	30	0.29433	41	788.1	37	10.563	127	0.51936	336
12600	0.21604	339	0.37351	29	0.29474	42	784.4	36	10.690	128	0.52272	334
12700	0.21943	343	0.37380	29	0.29516	42	780.8	36	10.818	128	0.52606	332
12800	0.22286	345	0.37409	28	0.29558	41	777.2	36	10.946	129	0.52938	329
12900	0.22631	348	0.37437	27	0.29599	41	773.6	36	11.075	130	0.53267	328
13000	0.22979	351	0.37464	27	0.29640	40	770.0	35	11.205	130	0.53595	326
13100	0.23330	354	0.37491	26	0.29680	40	766.5	36	11.335	131	0.53921	324
15200	0.23684	357	0.37517	26	0.29720	41	762.9	35	11.466	131	0.54245	322
13300	0.24041	361	0.37543	26	0.29761	41	759.4	35	11.597	132	0.54567	320
13400	0.24402	363	0.37569	25	0.29802	41	755.9	35	11.729	132	0.54887	319
13500	0.24765	366	0.37594	24	0.29843	41	752.4	35	11.861	133	0.55206	317
13600	0.25131	369	0.37618	24	0.29884	41	748.9	35	11.994	134	0.55523	316
13700	0.25500	372	0.37642	24	0.29925	41	745.4	35	12.128	134	0.55839	313
13800	0.25872	376	0.37666	23	0.29966	42	741.9	34	12.262	135	0.56152	312
13900	0.26248	378	0.37689	23	0.30008	42	738.5	35	12.397	136	0.56464	310
14000	0.26626	381	0.37712	23	0.30050	42	735.0	35	12.533	136	0.56774	309
14100	0.27007	385	0.37735	22	0.30092	43	731.5	35	12.669	137	0.57083	307
14200	0.27392	388	0.37757	22	0.30135	43	728.0	34	12.806	138	0.57390	305
14300	0.27780	390	0.37779	21	0.30178	44	724.6	34	12.944	138	0.57695	304
14400	0.28170	394	0.37800	22	0.30222	44	721.2	34	13.082	139	0.57999	303
14500	0.28564	397	0.37822	20	0.30266	44	717.8	34	13.221	140	0.58302	301
14600	0.28961	401	0.37842	21	0.30310	44	714.4	34	13.361	140	0.58603	299
14700	0.29362	403	0.37863	20	0.30354	45	711.0	34	13.501	141	0.58902	298
14800	0.29765	406	0.37883	20	0.30399	45	707.6	33	13.642	142	0.59200	297
14900	0.30171	410	0.37903	20	0.30444	46	704.3	33	13,784	142	0.59497	295
15000	0.30581	413	0.37923	19	0.30490	46	701.0	33	13.926	143	0.59792	294

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TABLE II. $V=2{,}500$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.30581	413	0.37923	19	0.30490	46	701.0	33	13.926	143	0.59792	294
15100	0.30994	416	0.37942	19	0.30536	46	697.7	33	14.069	144	0.60086	292
15200	0.31410	419	0.37961	19	0.30582	47	694.4	32	14.213	144	0.60378	292
15300	0.31829	423	0.37980	19	0.30629	47	691.2	32	14.357	145	0.60670	290
15400	0.32252	426	0.37999	19	0.30676	48	688.0	32	14.502	146	0.60960	289
15500	0.32678	430	0.38018	18	0.30724	48	684.8	32	14.648	146	0.61249	288
15600	0.33108	433	0.38036	19	0.30772	49	681.6	32	14.794	147	0.61537	286
15700	0.33541	436	0.38055	18	0.30821	49	678.4	32	14.941	148	0.61823	285
15800	0.33977	439	0.38073	18	0.30870	50	675.2	31	15.089	148	0.62108	284
15900	0.34416	443	0.38091	18	0.30920	50	672.1	31	15.237	149	0.62392	283
16000	0.34859	446	0.38109	18	0.30970	52	669.0	30	15.386	150	0.62675	282
16100	0.35305	450	0.38127	18	0.31022	52	666.0	31	15.536	151	0.62957	281
16200	0.35755	453	0.38145	18	0.31074	53	662.9	30	15.687	151	0.63238	279
16300	0.36208	457	0.38163	18	0.31127	53	659.9	30	15.838	152	0.63517	279
16400	0.36665	460	0.38181	18	0.31180	54	656.9	30	15.990	153	0.63796	278
16500	0.37125	464	0.38199	17	0.31234	54	653.9	30	16.143	153	0.64074	277
16600	0.37589	467	0.38216	18	0.31288	55	650.9	30	16.296	154	0.64351	276
16700	0.38056	471	0.38234	18	0.31343	55	647.9	30	16.450	155	0.64627	274
16800	0.38527	474	0.38252	18	0.31398	56	644.9	29	16.605	155	0.64901	274
16900	0.39001	478	0.38270	18	0.31454	56	642.0	30	16.760	156	0.65175	273
17000	0.39479	482	0.38288	18	0.31510	56	639.0	29	16.916	157	0.65448	272
17100	0.39961	485	0.38306	18	0.31566	57	636.1	30	17.073	158	0.65720	271
17200	0.40446	489	0.38324	18	0.31623	57	633.1	29	17.231	158	0.65991	270
17300	0.40935	493	0.38342	18	0.31680	57	630.2	29	17.389	159	0.66261	269
17400	0.41428	496	0.38360	19	0.31737	58	627.3	29	17.548	160	0.66530	269
17500	0.41924	500	0.38379	18	0.31795	58	624.4	29	17.708	161	0.66799	267
17600	0.42424	504	0.38397	18	0.31853	59	621.5	29	17.869	161	0.67066	267
17700	0.42928	508	0.38415	18	0.31912	59	618.6	29	18.030	162	0.67333	266
17800	0.43436	511	0.38433	18	0.31971	59	615.7	28	18.192	162	0.67599	265
17900	0.43947	515	0.38451	18	0.32030	60	612.9	29	18.354	164	0.67864	264
18000	0.44462	519	0.38469	19	0.32090	61	610.0	28	18.518	164	0.68128	264
18100	0.44981	523	0.38488	19	0.32151	61	607.2	29	18.682	165	0.68392	263
18200	0.45504	527	0.38507	18	0.32212	62	604.3	28	18.847	166	0.68655	262
18300	0.46031	531	0.38525	19	0.32274	62	601.5	28	19.013	167	0.68917	261
18400	0.46562	535	0.38544	19	0.32336	63	598.7	28	19.180	168	0.69178	261
18500	0.47097	539	0.38563	19	0.32399	63	595.9	28	19.348	168	0.69439	260
18600	0.47636	543	0.38582	19	0.32462	64	593.1	28	19.516	169	0.69699	259
18700	0.48179	547	0.38601	18	0.32526	64	590.3	28	19.685	170	0.69958	259
18800	0.48726	551	0.38619	19	0.32590	65	587.5	27	19.855	170	0.70217	257
18900	0.49277	555	0.38638	19	0.32655	65	584.8	28	20.025	172	0.70474	258
19000	0.49832	559	0.38657	19	0.32720	67	582.0	28	20.197	172	0.70732	257
19100	0.50391	563	0.38676	19	0.32787	67	579.2	28	20.369	173	0.70989	256
19200	0.50954	568	0.38695	20	0.32854	67	576.4	27	20.542	174	0.71245	255
19300	0.51522	572	0.38715	19	0.32921	67	573.7	27	20.716	175	0.71500	255
19400	0.52094	576	0.38734	20	0.32988	68	571.0	27	20.891	176	0.71755	254
19500	0.52670	581	0.38754	19	0.33056	68	568.3	27	21.067	176	0.72009	254
19600	0.53251	585	0.38773	20	0.33124	69	565.6	27	21.243	177	0.72263	254
19700	0.53836	589	0.38793	20	0.33193	69	562.9	27	21.420	178	0.72517	252
19800	0.54425	593	0.38813	20	0.33262	69	560.2	26	21.598	179	0.72769	253
19900	0.55018	598	0.38833	20	0.33331	69	557.6	26	21.777	180	0.73022	251
20000	0.55616	602	0.38853	20	0.33400	69	555.0	26	21.957	181	0.73273	250

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TABLE II. $V=2{,}600\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	48	0.25000	91	0.00000	340	2600.0	306	0.000	39	0.00000	344
100	0.00048	49	0.25091	92	0.00340	344	2569.4	303	0.039	39	0.00344	346
200	0.00097	49	0.25183	94	0.00684	347	2539.1	300	0.078	40	0.00690	347
300	0.00146	51	0.25277	95	0.01031	349	2509.1	298	0.118	40	0.01037	349
400	0.00197	51	0.25372	97	0.01380	350	2479.3	295	0.158	41	0.01386	352
500	0.00248	52	0.25469	98	0.01730	350	2449.8	293	0.199	41	0.01738	354
600	0.00300	53	0.25567	100	0.02080	350	2420.5	290	0.240	41	0.02092	356
700	0.00353	53	0.25667	101	0.02430	350	2391.5	288	0.281	42	0.02448	357
800	0.00406	55	0.25768	102	0.02780	350	2362.7	285	0.323	43	0.02805	360
900	0.00461	55	0.25870	104	0.03130	350	2334.2	282	0.366	43	0.03165	362
1000	0.00516	56	0.25974	107	0.03480	351	2306.0	279	0.409	44	0.03527	363
1100	0.00572	57	0.26081	109	0.03831	353	2278.1	277	0.453	44	0.03890	365
1200	0.00629	59	0.26190	110	0.04184	355	2250.4	275	0.497	44	0.04255	367
1300	0.00688	59	0.26300	110	0.04539	357	2222.9	273	0.541	45	0.04622	370
1400	0.00747	60	0.26410	111	0.04896	359	2195.6	271	0.586	46	0.04992	372
1500	0.00807	62	0.26521	112	0.05255	361	2168.5	269	0.632	47	0.05364	374
1600	0.00869	62	0.26633	113	0.05616	363	2141.6	267	0.679	47	0.05738	376
1700	0.00931	63	0.26746	114	0.05979	365	2114.9	265	0.726	47	0.06114	378
1800	0.00994	65	0.26860	116	0.06344	367	2088.4	263	0.773	48	0.06492	381
1900	0.01059	65	0.26976	116	0.06711	369	2062.1	261	0.821	49	0.06873	383
2000	0.01124	67	0.27092	115	0.07080	370	2036.0	259	0.870	49	0.07256	385
2100	0.01191	68	0.27207	115	0.07450	370	2010.1	257	0.919	50	0.07641	388
2200	0.01259	69	0.27322	115	0.07820	370	1984.4	254	0.969	51	0.08029	390
2300	0.01328	71	0.27437	114	0.08190	371	1959.0	251	1.020	51	0.08419	393
2400	0.01399	71	0.27551	115	0.08561	372	1933.9	249	1.071	52	0.08812	395
2500	0.01470	73	0.27666	116	0.08933	373	1909.0	246	1.123	53	0.09207	398
2600	0.01543	75	0.27782	117	0.09306	373	1884.4	243	1.176	54	0.09605	400
2700	0.01618	75	0.27899	118	0.09679	375	1860.1	240	1.230	54	0.10005	402
2800	0.01693	77	0.28017	118	0.10054	377	1836.1	237	1.284	55	0.10407	405
2900	0.01770	78	0.28135	119	0.10431	379	1812.4	234	1.339	55	0.10812	408
3000	0.01848	80	0.28254	121	0.10810	380	1789.0	231	1.394	56	0.11220	411
3100	0.01928	81	0.28375	122	0.11190	380	1765.9	229	1.450	57	0.11631	413
3200	0.02009	82	0.28497	123	0.11570	380	1743.0	226	1.507	58	0.12044	415
3300	0.02091	85	0.28620	123	0.11950	381	1720.4	224	1.565	59	0.12459	418
3400	0.02176	86	0.28743	124	0.12331	382	1698.0	222	1.624	59	0.12877	421
3500	0.02262	87	0.28867	125	0.12713	383	1675.8	220	1.683	60	0.13298	423
3600	0.02349	89	0.28992	126	0.13096	383	1653.8	218	1.743	61	0.13721	425
3700	0.02438	91	0.29118	126	0.13479	383	1632.0	216	1.804	62	0.14146	428
3800	0.02529	92	0.29244	127	0.13862	384	1610.4	213	1.866	63	0.14574	431
3900	0.02621	94	0.29371	128	0.14246	384	1589.1	211	1.929	63	0.15005	433
4000	0.02715	96	0.29499	128	0.14630	384	1568.0	209	1.992	64	0.15438	436
4100	0.02811	97	0.29627	128	0.15014	384	1547.1	206	2.056	65	0.15874	439
4200	0.02908	100	0.29755	129	0.15398	383	1526.5	202	2.121	66	0.16313	441
4300	0.03008	102	0.29884	129	0.15781	382	1507.3	198	2.187	67	0.16754	443
4400	0.03110	103	0.30013	130	0.16163	381	1488.5	195	2.254	67	0.17197	446
4500	0.03213	106	0.30143	130	0.16544	379	1467.0	191	2.321	69	0.17643	448
4600	0.03319	108	0.30273	131	0.16923	377	1447.9	188	2.390	70	0.18091	451
4700	0.03427	110	0.30404	131	0.17300	375	1429.1	184	2.460	70	0.18542	453
4800	0.03537	111	0.30535	132	0.17675	373	1410.7	181	2.530	72	0.18995	455
4900	0.03648	114	0.30667	132	0.18048	372	1392.6	179	2.602	72	0.19450	457
5000	0.03762	115	0.30799	134	0.18420	370	1374.7	177	2.674	73	0.19907	460

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TABLE II. $V=2{,}600$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.08762	115	0.30799	134	0.18420	370	1374.7	177	2.674	73	0.19907	460
5100	0.08877	118	0.30933	135	0.18790	368	1357.0	174	2.747	74	0.20367	463
5200	0.08995	121	0.31068	135	0.19158	366	1339.6	170	2.821	75	0.20830	465
5300	0.04116	123	0.31203	134	0.19524	364	1322.6	166	2.896	76	0.21295	466
5400	0.04239	125	0.31337	135	0.19888	362	1306.0	162	2.972	77	0.21761	468
5500	0.04364	128	0.31472	135	0.20250	361	1289.8	158	3.049	78	0.22229	470
5600	0.04492	131	0.31607	136	0.20611	359	1274.0	154	3.127	79	0.22699	471
5700	0.04623	133	0.31743	135	0.20970	358	1258.6	150	3.206	80	0.23170	473
5800	0.04756	135	0.31878	135	0.21328	354	1243.6	145	3.286	81	0.23643	475
5900	0.04891	138	0.32013	136	0.21682	348	1229.1	139	3.367	82	0.24118	477
6000	0.05029	140	0.32149	136	0.22030	339	1215.2	133	3.449	83	0.24595	480
6100	0.05169	143	0.32285	135	0.22369	330	1201.9	127	3.532	84	0.25075	481
6200	0.05312	146	0.32420	135	0.22699	320	1189.2	123	3.616	84	0.25556	481
6300	0.05458	148	0.32555	134	0.23019	310	1176.9	119	3.700	86	0.26037	481
6400	0.05606	151	0.32689	133	0.23329	300	1165.0	115	3.786	86	0.26518	482
6500	0.05757	155	0.32822	132	0.23629	291	1153.5	111	3.872	87	0.27000	483
6600	0.05912	157	0.32954	132	0.23920	282	1142.4	107	3.959	88	0.27482	483
6700	0.06069	159	0.33086	131	0.24202	274	1131.7	103	4.047	89	0.27965	483
6800	0.06228	163	0.33217	130	0.24476	266	1121.4	99	4.136	90	0.28448	484
6900	0.06391	165	0.33347	130	0.24742	258	1111.5	95	4.226	90	0.28932	484
7000	0.06556	168	0.33477	128	0.25000	250	1102.0	92	4.316	91	0.29416	485
7100	0.06724	170	0.33605	126	0.25250	240	1092.8	89	4.407	92	0.29901	484
7200	0.06894	174	0.33731	124	0.25490	230	1083.9	86	4.499	93	0.30385	482
7300	0.07068	176	0.33855	123	0.25720	220	1075.3	84	4.592	93	0.30867	480
7400	0.07244	180	0.33978	122	0.25940	210	1066.9	81	4.685	94	0.31347	478
7500	0.07424	182	0.34100	119	0.26150	200	1058.8	79	4.779	95	0.31825	476
7600	0.07606	185	0.34219	118	0.26350	190	1050.9	76	4.874	96	0.32301	474
7700	0.07791	188	0.34337	117	0.26540	180	1043.3	73	4.970	96	0.32775	473
7800	0.07979	190	0.34454	115	0.26720	170	1036.0	71	5.066	97	0.33248	471
7900	0.08169	194	0.34569	113	0.26890	160	1028.9	69	5.163	97	0.33719	470
8000	0.08363	196	0.34682	111	0.27050	151	1022.0	67	5.260	98	0.34189	468
8100	0.08559	199	0.34793	109	0.27201	145	1015.3	66	5.358	99	0.34657	466
8200	0.08758	202	0.34902	108	0.27346	140	1008.7	65	5.457	100	0.35123	463
8300	0.08960	205	0.35010	106	0.27486	135	1002.2	63	5.557	100	0.35586	461
8400	0.09165	208	0.35114	103	0.27621	131	995.9	62	5.657	101	0.36047	459
8500	0.09373	210	0.35217	101	0.27752	127	989.7	60	5.758	101	0.36506	456
8600	0.09583	213	0.35318	99	0.27879	121	983.7	59	5.859	102	0.36962	454
8700	0.09796	216	0.35417	97	0.28000	116	977.8	57	5.961	102	0.37416	451
8800	0.10012	219	0.35514	95	0.28116	110	972.1	56	6.063	103	0.37867	449
8900	0.10231	222	0.35609	92	0.28226	104	966.5	55	6.166	104	0.38316	446
9000	0.10453	224	0.35701	89	0.28330	96	961.0	55	6.270	105	0.38762	442
9100	0.10677	227	0.35790	86	0.28426	93	955.5	54	6.375	105	0.39204	439
9200	0.10904	230	0.35876	84	0.28519	89	950.1	54	6.480	105	0.39643	436
9300	0.11134	233	0.35960	82	0.28608	85	944.7	53	6.585	106	0.40079	433
9400	0.11367	235	0.36042	80	0.28693	82	939.4	52	6.691	107	0.40512	431
9500	0.11602	239	0.36122	78	0.28775	78	934.2	52	6.798	108	0.40943	428
9600	0.11841	241	0.36200	76	0.28853	75	929.0	51	6.906	108	0.41371	425
9700	0.12082	243	0.36276	74	0.28928	71	923.9	50	7.014	108	0.41796	422
9800	0.12325	247	0.36350	72	0.28999	67	918.9	50	7.122	109	0.42218	419
9900	0.12572	249	0.36422	69	0.29066	64	913.9	49	7.231	110	0.42637	417
10000	0.12821	252	0.36491	69	0.29130	62	909.0	49	7.341	110	0.43054	414

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TABLE II. $V=2{,}600$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.12821	252	0.36491	68	0.29130	62	909.0	49	7.341	110	0.43054	414
10100	0.13073	255	0.36559	67	0.29192	61	904.1	49	7.451	111	0.43468	410
10200	0.13328	258	0.36626	65	0.29253	60	899.2	48	7.562	112	0.43878	408
10300	0 13586	261	0.36691	63	0.29313	58	894.4	48	7.674	112	0.44286	406
10400	0.13847	263	0.36754	62	0.29371	57	889.6	47	7.786	113	0.44692	403
10500	0.14110	266	0.36816	60	0.29428	55	884.9	47	7.899	113	0.45095	400
10600	0.14376	269	0.36876	58	0.29483	54	880.2	46	8.012	114	0.45495	397
10700	0.14645	272	0.36934	56	0.29537	52	875.6	46	8.126	114	0.45892	394
10800	0.14917	274	0.36990	55	0.29589	51	871.0	45	8.240	115	0.46286	391
10900	0.15191	277	0.37045	53	0.29640	50	866.5	45	8.355	116	0.46677	389
11000	0.15468	280	0.37098	51	0 29690	49	862.0	44	8.471	116	0.47066	386
11100	0.15748	283	0.37149	49	0.29739	48	857.6	43	8.587	117	0.47452	383
11200	0.16031	285	0.37198	48	0.29787	47	853.3	43	8.704	117	0.47835	381
11300	0.16316	288	0.37246	46	0.29834	46	849.0	43	8.821	118	0.48216	378
11400	0.16604	291	0.37292	45	0.29880	45	844.7	42	8.939	119	0.48594	376
11500	0.16895	294	0.37337	44	0.29925	45	840.5	42	9.058	119	0.48970	373
11600	0.17189	297	0.37381	42	0.29970	44	836.3	42	9.177	120	0.49343	371
11700	0.17486	300	0.37423	41	0.30014	43	832.1	41	9.297	120	0.49714	369
11800	0.17786	302	0.37464	40	0.30057	42	828.0	40	9.417	121	0.50083	366
11900	0.18088	306	0.37504	38	0.30099	41	824.0	40	9.538	122	0.50449	363
12000	0.18394	308	0.37542	37	0.30140	41	820.0	39	9.660	122	0.50812	361
12100	0.18702	312	0.37579	36	0.30181	40	816.1	39	9.782	123	0.51173	359
12200	0.19014	314	0.37615	36	0.30221	40	812.2	39	9.905	123	0.51532	357
12300	0.19328	317	0.37651	36	0.30261	40	808.3	39	10.028	124	0.51889	355
12400	0.19645	320	0.37687	34	0.30301	39	804.4	38	10.152	125	0.52244	353
12500	0.19965	323	0.37721	33	0.30340	39	800.6	38	10.277	125	0.52597	350
12600	0.20288	325	0.37754	32	0.30379	38	796.8	37	10.402	126	0.52947	348
12700	0.20613	329	0.37786	31	0.30417	38	793.1	37	10.528	126	0.53295	346
12800	0.20942	331	0.37817	30	0.30455	38	789.4	37	10.654	127	0.53641	344
12900	0.21273	334	0.37847	30	0.30493	37	785.7	37	10.781	128	0.53985	342
13000	0.21607	337	0.37877	29	0.30530	37	782.0	37	10.909	128	0.54327	340
13100	0.21944	341	0.37906	29	0.30567	37	778.3	37	11.037	129	0.54667	338
13200	0.22285	343	0.37935	28	0.30604	37	774.6	36	11.166	129	0.55005	335
13300	0.22628	346	0.37963	28	0.30641	36	771.0	36	11.295	130	0.55340	333
13400	0.22974	349	0.37991	27	0.30677	37	767.4	36	11.425	131	0.55673	332
13500	0.23323	352	0.38018	26	0.30714	37	763.8	36	11.556	131	0.56005	330
13600	0.23675	354	0.38044	26	0.30751	37	760.2	36	11.687	132	0.56335	328
13700	0.24029	358	0.38070	25	0.30788	37	756.6	36	11.819	132	0.56663	326
13800	0.24387	360	0.38095	24	0.30825	37	753.0	35	11.951	133	0.56989	324
13900	0.24747	364	0.38119	24	0.30862	38	749.5	35	12.084	134	0.57313	322
14000	0.25111	366	0.38143	23	0.30900	38	746.0	35	12.218	134	0.57635	321
14100	0.25477	370	0.38166	23	0.30938	38	742.5	35	12.352	135	0.57956	319
14200	0.25847	373	0.38189	22	0.30976	39	739.0	34	12.487	136	0.58275	317
14300	0.26220	376	0.38211	22	0.31015	39	735.6	34	12.623	136	0.58592	316
14400	0.26596	379	0.38233	22	0.31054	39	732.2	34	12.759	137	0.58908	314
14500	0.26975	382	0.38255	21	0.31093	40	728.8	34	12.896	137	0.59222	313
14600	0.27357	385	0.38276	21	0.31133	40	725.4	34	13.033	138	0.59535	311
14700	0.27742	388	0.38297	20	0.31173	40	722.0	34	13.171	139	0.59846	309
14800	0.28130	391	0.38317	20	0.31213	41	718.6	33	13.310	139	0.60155	308
14900	0.28521	395	0.38337	20	0.31254	41	715.3	33	13.449	140	0.60463	306
15000	0.28916	398	0.38357	20	0.31295	41	712.0	33	13.589	141	0.60769	305

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TABLE II. *V=2,600 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	log *H'*	Δ	*u*	Δ	*T'*	Δ	log *Q*	Δ
15000	0.28916	398	0.38357	20	0.31295	41	712.0	33	13.589	141	0.60769	305
15100	0.29314	401	0.38377	19	0.31336	42	708.7	32	13.730	141	0.61074	304
15200	0.29715	404	0.38396	19	0.31378	43	705.5	32	13.871	142	0.61378	302
15300	0.30119	408	0.38415	19	0.31421	43	702.3	32	14.013	143	0.61680	301
15400	0.30527	411	0.38434	19	0.31464	43	699.1	32	14.156	143	0.61981	299
15500	0.30938	414	0.38453	19	0.31507	44	695.9	32	14.299	144	0.62280	298
15600	0.31352	418	0.38472	18	0.31551	44	692.7	32	14.443	145	0.62578	297
15700	0.31770	421	0.38490	18	0.31595	44	689.5	32	14.588	145	0.62875	295
15800	0.32191	424	0.38508	18	0.31639	45	686.3	31	14.733	146	0.63170	294
15900	0.32615	427	0.38526	18	0.31684	46	683.2	32	14.879	147	0.63464	293
16000	0.33042	430	0.38544	18	0.31730	46	680.0	32	15.026	147	0.63757	292
16100	0.33472	434	0.38562	18	0.31776	47	679.8	32	15.173	148	0.64049	290
16200	0.33906	437	0.38580	17	0.31823	47	673.6	31	15.321	149	0.64339	289
16300	0.34343	441	0.38597	17	0.31870	48	670.5	31	15.470	150	0.64628	288
16400	0.34784	444	0.38614	17	0.31918	48	667.4	31	15.620	150	0.64916	287
16500	0.35228	448	0.38631	17	0.31966	49	664.3	31	15.770	151	0.65203	286
16600	0.35676	451	0.38648	17	0.32015	49	661.2	31	15.921	152	0.65489	284
16700	0.36127	454	0.38665	17	0.32064	50	658.1	31	16.073	152	0.65773	283
16800	0.36581	458	0.38682	17	0.32114	50	655.0	31	16.225	153	0.66056	283
16900	0.37039	461	0.38699	16	0.32164	51	651.9	31	16.378	154	0.66339	281
17000	0.37500	465	0.38715	17	0.32215	51	648.8	30	16.532	155	0.66620	280
17100	0.37965	468	0.38732	16	0.32266	52	645.8	30	16.687	155	0.66900	279
17200	0.38433	472	0.38748	17	0.32318	52	642.8	30	16.842	156	0.67179	279
17300	0.38905	476	0.38765	17	0.32370	53	639.8	30	16.998	157	0.67458	277
17400	0.39381	479	0.38782	17	0.32423	53	636.8	30	17.155	157	0.67735	277
17500	0.39860	483	0.38799	16	0.32476	54	633.8	30	17.312	158	0.68012	276
17600	0.40343	487	0.38815	17	0.32530	54	630.8	30	17.470	159	0.68288	274
17700	0.40830	490	0.38832	17	0.32584	55	627.8	29	17.629	160	0.68562	274
17800	0.41320	494	0.38849	16	0.32639	55	624.9	29	17.789	160	0.68836	273
17900	0.41814	498	0.38865	17	0.32694	56	622.0	29	17.949	161	0.69109	272
18000	0.42311	502	0.38882	17	0.32750	56	619.1	29	18.110	162	0.69381	271
18100	0.42813	506	0.38899	16	0.32806	57	616.2	29	18.272	163	0.69652	271
18200	0.43319	509	0.38915	17	0.32863	57	613.3	28	18.435	163	0.69923	269
18300	0.43828	513	0.38932	17	0.32920	58	610.5	28	18.598	164	0.70192	269
18400	0.44341	517	0.38949	17	0.32978	58	607.7	28	18.762	165	0.70461	268
18500	0.44858	521	0.38966	17	0.33036	59	604.9	29	18.927	166	0.70729	268
18600	0.45379	525	0.38983	17	0.33095	59	602.0	28	19.093	167	0.70997	266
18700	0.45904	529	0.39000	17	0.33154	59	599.2	27	19.260	167	0.71263	266
18800	0.46433	533	0.39017	17	0.33213	60	596.5	28	19.427	168	0.71529	265
18900	0.46966	536	0.39034	18	0.33273	61	593.7	28	19.595	169	0.71794	264
19000	0.47502	540	0.39052	18	0.33334	61	590.9	28	19.764	170	0.72058	263
19100	0.48042	545	0.39070	18	0.33395	62	588.1	27	19.934	170	0.72321	263
19200	0.48587	549	0.39088	18	0.33457	62	585.4	27	20.104	171	0.72584	263
19300	0.49136	553	0.39106	18	0.33519	62	582.7	27	20.275	172	0.72847	261
19400	0.49689	557	0.39124	18	0.33581	63	580.0	27	20.447	173	0.73108	261
19500	0.50246	561	0.39142	18	0.33644	63	577.3	27	20.620	174	0.73369	260
19600	0.50807	565	0.39160	18	0.33707	64	574.6	27	20.794	174	0.73629	260
19700	0.51372	569	0.39178	18	0.33771	64	571.9	27	20.968	175	0.73889	259
19800	0.51941	574	0.39196	19	0.33835	65	569.2	27	21.143	176	0.74148	258
19900	0.52515	578	0.39215	19	0.33900	65	566.5	26	21.319	177	0.74406	258
20000	0.53093	582	0.39234	19	0.33965	66	563.9	26	21.496	178	0.74664	257

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TABLE II. $V=2{,}700$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
0	0.00000	45	0.25000	87	0.00000	339	2700.0	314	0.000	37	0.00000	337
100	0.00045	45	0.25087	89	0.00339	340	2668.6	311	0.037	38	0.00337	339
200	0.00090	46	0.25176	90	0.00679	341	2637.5	308	0.075	38	0.00676	341
300	0.00136	47	0.25266	92	0.01020	342	2606.7	306	0.113	39	0.01017	343
400	0.00183	47	0.25358	94	0.01362	344	2576.1	303	0.152	39	0.01360	345
500	0.00230	48	0.25452	96	0.01706	345	2545.8	301	0.191	40	0.01705	347
600	0.00278	49	0.25548	97	0.02051	345	2515.7	298	0.231	40	0.02052	349
700	0.00327	50	0.25645	99	0.02396	347	2485.9	296	0.271	40	0.02401	352
800	0.00377	50	0.25744	101	0.02743	348	2456.3	293	0.311	41	0.02753	354
900	0.00427	51	0.25845	103	0.03091	349	2427.0	290	0.352	41	0.03107	356
1000	0.00478	52	0.25948	105	0.03440	349	2398.0	289	0.393	42	0.03463	358
1100	0.00530	53	0.26053	106	0.03789	351	2369.1	287	0.435	42	0.03821	359
1200	0.00583	53	0.26159	108	0.04140	352	2340.4	284	0.477	43	0.04180	362
1300	0.00636	55	0.26267	110	0.04492	353	2312.0	282	0.520	44	0.04542	365
1400	0.00691	56	0.26377	111	0.04845	354	2283.8	279	0.564	44	0.04907	367
1500	0.00747	56	0.26488	113	0.05199	356	2255.9	277	0.608	45	0.05274	369
1600	0.00803	58	0.26601	115	0.05555	357	2228.2	274	0.653	45	0.05643	371
1700	0.00861	59	0.26716	116	0.05912	358	2200.8	272	0.698	46	0.06014	373
1800	0.00920	60	0.26832	118	0.06270	359	2173.6	269	0.744	46	0.06387	375
1900	0.00980	60	0.26950	118	0.06629	361	2146.7	267	0.790	47	0.06762	378
2000	0.01040	62	0.27068	116	0.06990	363	2120.0	265	0.837	48	0.07140	380
2100	0.01102	63	0.27184	115	0.07353	364	2093.5	262	0.885	48	0.07520	383
2200	0.01165	64	0.27299	115	0.07717	366	2067.3	260	0.933	49	0.07908	386
2300	0.01229	65	0.27414	116	0.08083	367	2041.3	258	0.982	49	0.08289	388
2400	0.01294	66	0.27530	116	0.08450	368	2015.5	255	1.031	50	0.08677	390
2500	0.01360	67	0.27646	117	0.08818	370	1990.0	253	1.081	51	0.09067	393
2600	0.01427	69	0.27763	118	0.09188	371	1964.7	250	1.132	51	0.09460	396
2700	0.01496	69	0.27881	118	0.09559	372	1939.7	248	1.183	52	0.09856	398
2800	0.01565	71	0.27999	118	0.09931	374	1914.9	246	1.235	52	0.10254	400
2900	0.01636	72	0.28117	119	0.10305	375	1890.3	244	1.287	53	0.10654	403
3000	0.01708	73	0.28236	119	0.10680	376	1865.9	241	1.340	54	0.11057	406
3100	0.01781	75	0.28355	119	0.11056	377	1841.8	239	1.394	54	0.11463	408
3200	0.01856	76	0.28474	120	0.11433	378	1817.9	236	1.448	55	0.11871	411
3300	0.01932	77	0.28594	121	0.11811	379	1794.3	234	1.503	56	0.12282	414
3400	0.02009	79	0.28715	121	0.12190	381	1770.9	231	1.559	57	0.12696	416
3500	0.02088	81	0.28836	122	0.12571	382	1747.8	229	1.616	58	0.13112	419
3600	0.02169	82	0.28958	123	0.12953	382	1724.9	226	1.674	58	0.13531	421
3700	0.02251	83	0.29081	123	0.13335	384	1702.3	224	1.732	59	0.13952	424
3800	0.02334	85	0.29204	124	0.13719	385	1679.9	221	1.791	60	0.14376	427
3900	0.02419	87	0.29328	124	0.14104	386	1657.8	218	1.851	61	0.14803	429
4000	0.02506	88	0.29452	125	0.14490	385	1636.0	215	1.912	62	0.15232	432
4100	0.02594	90	0.29577	126	0.14875	385	1614.5	212	1.974	62	0.15664	435
4200	0.02684	92	0.29703	127	0.15260	383	1593.3	210	2.036	63	0.16099	437
4300	0.02776	94	0.29830	127	0.15643	382	1572.3	206	2.099	64	0.16536	439
4400	0.02870	96	0.29957	128	0.16025	380	1551.7	203	2.163	65	0.16975	442
4500	0.02966	97	0.30085	129	0.16405	379	1531.4	201	2.228	66	0.17417	444
4600	0.03063	99	0.30214	130	0.16784	378	1511.3	198	2.294	67	0.17861	447
4700	0.03162	101	0.30344	130	0.17162	378	1491.5	194	2.361	67	0.18308	449
4800	0.03263	102	0.30474	131	0.17540	378	1472.1	192	2.428	69	0.18757	452
4900	0.03365	104	0.30605	132	0.17918	378	1452.9	190	2.497	69	0.19209	454
5000	0.03469	106	0.30737	134	0.18296	378	1433.9	188	2.566	71	0.19663	456

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TABLE II. *V=2,700 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.03469	106	0.30787	134	0.18396	378	1433.9	188	2.566	70	0.19663	456
5100	0.03575	109	0.30871	135	0.18674	377	1415.1	185	2.636	71	0.20119	458
5200	0.03684	111	0.31006	135	0.19051	375	1396.6	181	2.707	72	0.20577	461
5300	0.03795	113	0.31141	136	0.19426	373	1378.5	178	2.779	73	0.21038	463
5400	0.03908	115	0.31277	136	0.19799	370	1360.7	174	2.852	74	0.21501	465
5500	0.04023	118	0.31413	136	0.20169	367	1343.3	170	2.926	75	0.21966	467
5600	0.04141	120	0.31549	137	0.20536	365	1326.3	166	3.001	76	0.22433	469
5700	0.04261	122	0.31686	137	0.20901	362	1309.7	163	3.077	77	0.22902	471
5800	0.04383	124	0.31823	137	0.21264	360	1293.4	159	3.154	77	0.23373	473
5900	0.04507	127	0.31960	138	0.21624	357	1277.5	154	3.231	79	0.23846	476
6000	0.04634	129	0.32098	138	0.21981	354	1262.1	148	3.310	80	0.24322	479
6100	0.04763	132	0.32236	138	0.22335	349	1247.3	143	3.390	81	0.24801	482
6200	0.04895	135	0.32374	137	0.22684	342	1233.0	138	3.471	82	0.25283	482
6300	0.05030	137	0.32511	136	0.23026	335	1219.2	134	3.543	83	0.25765	483
6400	0.05167	140	0.32647	136	0.23361	328	1205.8	130	3.636	83	0.26248	485
6500	0.05307	142	0.32783	136	0.23689	322	1192.8	126	3.719	84	0.26733	486
6600	0.05449	145	0.32919	135	0.24011	315	1180.2	122	3.803	85	0.27219	486
6700	0.05594	148	0.33054	135	0.24326	308	1168.0	118	3.888	86	0.27705	487
6800	0.05742	150	0.33189	134	0.24634	302	1156.2	113	3.974	87	0.28192	489
6900	0.05892	153	0.33323	133	0.24936	294	1144.9	108	4.061	88	0.28681	489
7000	0.06045	156	0.33456	132	0.25230	284	1134.1	104	4.149	89	0.29170	489
7100	0.06201	158	0.33588	130	0.25514	272	1123.7	100	4.238	89	0.29659	489
7200	0.06359	161	0.33718	129	0.25786	259	1113.7	97	4.327	90	0.30148	488
7300	0.06520	164	0.33847	128	0.26045	247	1104.0	94	4.417	91	0.30636	487
7400	0.06684	167	0.33975	126	0.26292	237	1094.6	90	4.508	92	0.31123	487
7500	0.06851	170	0.34101	125	0.26529	227	1085.6	87	4.600	92	0.31610	486
7600	0.07021	172	0.34226	124	0.26756	217	1076.9	85	4.692	93	0.32096	485
7700	0.07193	175	0.34350	123	0.26973	208	1068.4	81	4.785	94	0.32581	484
7800	0.07368	178	0.34473	121	0.27181	199	1060.3	78	4.879	95	0.33065	484
7900	0.07546	181	0.34594	120	0.27380	190	1052.5	75	4.974	95	0.33549	483
8000	0.07727	184	0.34714	118	0.27570	180	1045.0	74	5.069	96	0.34032	481
8100	0.07911	186	0.34832	117	0.27750	172	1037.6	72	5.165	97	0.34513	478
8200	0.08097	189	0.34949	115	0.27922	166	1030.4	70	5.262	97	0.34991	477
8300	0.08286	192	0.35064	113	0.28088	160	1023.4	69	5.359	98	0.35468	475
8400	0.08478	195	0.35177	111	0.28248	154	1016.5	67	5.457	99	0.35943	473
8500	0.08673	198	0.35288	109	0.28402	147	1009.8	65	5.556	99	0.36416	470
8600	0.08871	201	0.35397	108	0.28549	140	1003.3	63	5.665	100	0.36886	468
8700	0.09072	203	0.35505	106	0.28689	134	997.0	62	5.755	101	0.37354	467
8800	0.09275	206	0.35611	104	0.28823	127	990.8	60	5.856	101	0.37821	465
8900	0.09481	209	0.35715	102	0.28950	119	984.8	58	5.957	102	0.38286	462
9000	0.09690	212	0.35817	100	0.29069	112	979.0	58	6.059	103	0.38748	458
9100	0.09902	214	0.35917	98	0.29181	107	973.2	57	6.162	103	0.39206	456
9200	0.10116	217	0.36015	95	0.29288	102	967.5	57	6.265	104	0.39662	453
9300	0.10333	220	0.36110	93	0.29390	98	961.8	56	6.369	104	0.40115	450
9400	0.10553	223	0.36203	91	0.29488	94	956.3	54	6.473	105	0.40565	447
9500	0.10776	225	0.36294	89	0.29582	89	950.9	54	6.578	105	0.41012	445
9600	0.11001	228	0.36383	87	0.29671	84	945.5	53	6.683	106	0.41457	442
9700	0.11229	231	0.36470	85	0.29755	79	940.2	51	6.789	107	0.41899	439
9800	0.11460	234	0.36555	82	0.29834	75	935.1	51	6.896	107	0.42338	436
9900	0.11694	237	0.36637	79	0.29909	72	930.0	50	7.003	108	0.42774	434
10000	0.11931	239	0.36716	76	0.29981	70	925.0	50	7.111	109	0.43208	430

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TABLE II. $V=2{,}700$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.11931	239	0.36716	76	0.29980	70	925.0	50	7.111	109	0.43208	430
10100	0.12170	242	0.36792	74	0.30051	69	920.0	50	7.220	109	0.43638	427
10200	0.12412	245	0.36866	72	0.30120	67	915.0	49	7.329	109	0.44065	424
10300	0.12657	248	0.36938	70	0.30187	64	910.1	49	7.438	110	0.44489	422
10400	0.12905	250	0.37008	68	0.30251	61	905.2	48	7.548	111	0.44911	419
10500	0.13155	253	0.37076	66	0.30312	58	900.4	48	7.659	112	0.45330	416
10600	0.13408	256	0.37142	64	0.30370	56	895.6	47	7.771	112	0.45746	413
10700	0.13664	259	0.37206	62	0.30426	54	890.9	47	7.883	112	0.46159	410
10800	0.13923	261	0.37268	60	0.30480	51	886.2	46	7.995	113	0.46569	408
10900	0.14184	264	0.37328	58	0.30531	49	881.6	46	8.108	114	0.46977	405
11000	0.14448	267	0.37386	57	0.30580	49	877.0	46	8.222	114	0.47382	402
11100	0.14715	270	0.37443	56	0.30629	49	872.4	46	8.336	115	0.47784	400
11200	0.14985	273	0.37499	54	0.30678	48	867.8	45	8.451	115	0.48184	397
11300	0.15258	275	0.37553	53	0.30726	47	863.3	44	8.566	116	0.48581	394
11400	0.15533	278	0.37606	51	0.30773	46	858.9	44	8.682	117	0.48975	392
11500	0.15811	281	0.37657	50	0.30819	45	854.5	44	8.799	117	0.49367	389
11600	0.16092	284	0.37707	48	0.30864	43	850.1	44	8.916	118	0.49756	386
11700	0.16376	287	0.37755	47	0.30907	42	845.7	43	9.034	118	0.50142	384
11800	0.16663	289	0.37802	45	0.30949	41	841.4	42	9.152	119	0.50526	381
11900	0.16952	292	0.37847	44	0.30990	40	837.2	42	9.271	120	0.50907	379
12000	0.17244	295	0.37891	43	0.31030	40	833.0	41	9.391	120	0.51286	376
12100	0.17539	297	0.37934	42	0.31070	39	828.9	40	9.511	121	0.51662	374
12200	0.17836	301	0.37976	40	0.31109	38	824.9	40	9.632	122	0.52036	372
12300	0.18137	304	0.38016	39	0.31147	38	820.9	40	9.754	122	0.52408	369
12400	0.18441	306	0.38055	38	0.31185	37	816.9	39	9.876	123	0.52777	367
12500	0.18747	309	0.38093	37	0.31222	37	813.0	39	9.999	123	0.53144	364
12600	0.19056	312	0.38130	36	0.31259	36	809.1	38	10.122	124	0.53508	362
12700	0.19368	315	0.38166	35	0.31295	36	805.3	38	10.246	124	0.53870	360
12800	0.19683	318	0.38201	33	0.31331	35	801.5	38	10.370	125	0.54230	358
12900	0.20001	321	0.38234	33	0.31366	35	797.7	37	10.495	126	0.54588	355
13000	0.20322	324	0.38267	32	0.31401	34	794.0	37	10.621	126	0.54943	353
13100	0.20646	326	0.38299	31	0.31435	34	790.3	37	10.747	127	0.55296	352
13200	0.20972	330	0.38330	30	0.31469	34	786.6	36	10.874	128	0.55648	349
13300	0.21302	333	0.38360	30	0.31503	34	783.0	36	11.002	128	0.55997	347
13400	0.21635	335	0.38390	29	0.31537	34	779.4	36	11.130	129	0.56344	345
13500	0.21970	338	0.38419	28	0.31571	34	775.8	36	11.259	129	0.56689	343
13600	0.22308	341	0.38447	27	0.31605	34	772.2	36	11.388	129	0.57032	341
13700	0.22649	344	0.38474	26	0.31639	34	768.6	36	11.517	131	0.57373	339
13800	0.22993	347	0.38500	26	0.31673	34	765.0	35	11.648	131	0.57712	337
13900	0.23340	350	0.38526	25	0.31707	33	761.5	35	11.779	132	0.58049	335
14000	0.23690	353	0.38551	25	0.31740	34	758.0	36	11.911	132	0.58384	333
14100	0.24043	356	0.38576	24	0.31774	34	754.4	36	12.043	133	0.58717	331
14200	0.24399	359	0.38600	24	0.31808	34	750.8	35	12.176	134	0.59048	330
14300	0.24758	362	0.38624	23	0.31842	35	747.3	35	12.310	134	0.59378	328
14400	0.25120	365	0.38647	23	0.31877	35	743.8	35	12.444	135	0.59706	326
14500	0.25485	368	0.38670	22	0.31912	35	740.3	35	12.579	135	0.60032	324
14600	0.25853	371	0.38692	21	0.31947	35	736.8	35	12.714	136	0.60356	322
14700	0.26224	374	0.38713	21	0.31982	36	733.3	35	12.850	137	0.60678	321
14800	0.26598	377	0.38734	21	0.32018	36	729.8	34	12.987	137	0.60999	319
14900	0.26975	380	0.38755	20	0.32054	36	726.4	34	13.124	138	0.61318	317
15000	0.27355	383	0.38775	20	0.32090	37	723.0	34	13.262	139	0.61635	316

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TABLE II. $V=2{,}700$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.27355	383	0.38775	20	0.32090	37	723.0	34	13.262	139	0.61635	316
15100	0.27738	386	0.38795	20	0.32127	37	719.6	34	13.401	139	0.61951	314
15200	0.28124	390	0.38815	19	0.32164	38	716.2	33	13.540	140	0.62265	312
15300	0.28514	393	0.38834	19	0.32202	38	712.9	33	13.680	140	0.62577	311
15400	0.28907	396	0.38853	19	0.32240	39	709.6	33	13.820	141	0.62888	310
15500	0.29303	400	0.38872	19	0.32279	39	706.3	33	13.961	142	0.63198	308
15600	0.29703	402	0.38891	18	0.32318	40	703.0	33	14.103	143	0.63506	307
15700	0.30105	405	0.38909	18	0.32358	40	699.7	33	14.246	143	0.63813	306
15800	0.30510	409	0.38927	18	0.32398	41	696.4	32	14.389	144	0.64119	304
15900	0.30919	412	0.38945	17	0.32439	41	693.2	32	14.533	144	0.64423	302
16000	0.31331	415	0.38962	17	0.32480	41	690.0	32	14.677	145	0.64725	301
16100	0.31746	418	0.38979	18	0.32521	42	686.8	32	14.822	146	0.65026	300
16200	0.32164	421	0.38997	17	0.32563	43	683.6	32	14.968	146	0.65326	299
16300	0.32585	425	0.39014	17	0.32606	43	680.4	32	15.114	147	0.65625	298
16400	0.33010	429	0.39031	17	0.32649	43	677.2	32	15.261	148	0.65923	297
16500	0.33439	432	0.39048	17	0.32692	44	674.0	31	15.409	149	0.66220	295
16600	0.33871	436	0.39065	17	0.32736	44	670.9	31	15.558	150	0.66515	294
16700	0.34307	440	0.39082	16	0.32780	45	667.8	30	15.708	150	0.66809	292
16800	0.34747	443	0.39098	16	0.32825	45	664.8	31	15.858	151	0.67101	292
16900	0.35190	446	0.39114	16	0.32870	46	661.7	31	16.009	151	0.67393	290
17000	0.35636	450	0.39130	16	0.32916	47	658.6	31	16.160	152	0.67683	289
17100	0.36086	453	0.39146	16	0.32963	47	655.5	31	16.312	153	0.67972	288
17200	0.36539	456	0.39162	17	0.33010	47	652.4	30	16.465	154	0.68260	287
17300	0.36995	459	0.39179	16	0.33057	48	649.4	30	16.619	155	0.68547	286
17400	0.37454	463	0.39195	16	0.33105	49	646.4	30	16.774	155	0.68833	285
17500	0.37917	467	0.39211	16	0.33154	49	643.4	30	16.929	155	0.69118	284
17600	0.38384	471	0.39227	16	0.33203	49	640.4	30	17.084	156	0.69402	283
17700	0.38855	474	0.39243	16	0.33252	50	637.4	30	17.240	157	0.69685	282
17800	0.39329	477	0.39259	16	0.33302	51	634.4	30	17.397	158	0.69967	281
17900	0.39806	481	0.39275	15	0.33353	51	631.4	29	17.555	159	0.70248	280
18000	0.40287	484	0.39290	16	0.33404	52	628.5	29	17.714	160	0.70528	279
18100	0.40771	488	0.39306	15	0.33456	52	625.6	29	17.874	160	0.70807	278
18200	0.41259	492	0.39321	16	0.33508	53	622.7	29	18.034	161	0.71085	277
18300	0.41751	496	0.39337	16	0.33561	53	619.8	29	18.195	162	0.71362	276
18400	0.42247	500	0.39352	16	0.33614	54	616.9	29	18.357	162	0.71638	275
18500	0.42747	503	0.39368	16	0.33668	54	614.0	29	18.519	163	0.71913	275
18600	0.43250	507	0.39384	16	0.33722	55	611.1	29	18.682	164	0.72188	273
18700	0.43757	511	0.39400	15	0.33777	56	608.2	28	18.846	165	0.72461	273
18800	0.44268	515	0.39415	16	0.33833	56	605.4	28	19.011	166	0.72734	272
18900	0.44783	519	0.39431	16	0.33889	56	602.6	28	19.177	166	0.73006	271
19000	0.45302	523	0.39447	16	0.33945	56	599.8	28	19.343	167	0.73277	270
19100	0.45825	527	0.39463	16	0.34001	57	597.0	28	19.510	168	0.73547	270
19200	0.46352	531	0.39479	16	0.34058	58	594.2	28	19.678	169	0.73817	269
19300	0.46883	535	0.39495	17	0.34116	58	591.4	28	19.847	170	0.74086	268
19400	0.47418	539	0.39512	16	0.34174	58	588.6	27	20.017	171	0.74354	268
19500	0.47957	543	0.39528	17	0.34232	59	585.9	27	20.188	171	0.74622	267
19600	0.48500	547	0.39545	16	0.34291	60	583.2	27	20.359	172	0.74889	266
19700	0.49047	551	0.39561	17	0.34351	60	580.5	27	20.531	172	0.75155	265
19800	0.49598	556	0.39578	17	0.34411	60	577.8	27	20.703	173	0.75420	265
19900	0.50154	559	0.39595	17	0.34471	61	575.1	27	20.876	174	0.75685	264
20000	0.50713	563	0.39612	17	0.34532	61	572.4	27	21.050	174	0.75949	264

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TABLE II. $V=2{,}800$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
0	0.00000	41	0.25000	97	0.00000	333	2800.0	319	0.000	36	0.00000	340
100	0.00041	42	0.25097	97	0.00333	335	2768.1	317	0.036	36	0.00340	340
200	0.00083	43	0.25194	97	0.00668	336	2736.4	315	0.072	37	0.00680	342
300	0.00126	44	0.25291	98	0.01004	337	2704.9	313	0.109	37	0.01022	342
400	0.00170	44	0.25389	99	0.01341	338	2673.6	310	0.146	38	0.01364	343
500	0.00214	45	0.25488	99	0.01679	339	2642.6	308	0.184	38	0.01707	344
600	0.00259	45	0.25587	99	0.02018	341	2611.8	305	0.222	39	0.02051	346
700	0.00304	46	0.25686	100	0.02359	342	2581.3	303	0.261	39	0.02397	346
800	0.00350	47	0.25786	100	0.02701	344	2551.0	301	0.300	39	0.02743	347
900	0.00397	47	0.25886	101	0.03045	345	2520.9	299	0.339	40	0.03090	348
1000	0.00444	48	0.25987	102	0.03390	346	2491.0	296	0.379	40	0.03438	350
1100	0.00492	49	0.26089	103	0.03736	347	2461.4	294	0.419	41	0.03788	353
1200	0.00541	50	0.26192	104	0.04083	349	2432.0	292	0.460	42	0.04141	355
1300	0.00591	51	0.26296	104	0.04432	350	2402.8	290	0.502	42	0.04496	357
1400	0.00642	52	0.26400	105	0.04782	351	2373.8	287	0.544	42	0.04853	360
1500	0.00694	53	0.26505	105	0.05133	353	2345.1	285	0.586	43	0.05213	363
1600	0.00747	53	0.26610	106	0.05486	354	2316.6	282	0.629	43	0.05576	365
1700	0.00800	54	0.26716	107	0.05840	355	2288.4	280	0.672	44	0.05941	367
1800	0.00854	55	0.26823	107	0.06195	357	2260.4	278	0.716	45	0.06308	370
1900	0.00909	56	0.26930	107	0.06552	358	2232.6	276	0.761	45	0.06678	372
2000	0.00965	57	0.27037	107	0.06910	359	2205.0	274	0.806	46	0.07050	375
2100	0.01022	58	0.27144	109	0.07269	360	2177.6	272	0.852	46	0.07425	377
2200	0.01080	59	0.27253	110	0.07629	362	2150.4	269	0.898	47	0.07802	380
2300	0.01139	60	0.27363	110	0.07991	363	2123.5	267	0.945	47	0.08182	383
2400	0.01199	61	0.27473	112	0.08354	364	2096.8	264	0.992	48	0.08565	385
2500	0.01260	62	0.27585	113	0.08718	366	2070.4	262	1.040	49	0.08950	387
2600	0.01322	64	0.27698	113	0.09084	367	2044.2	259	1.089	49	0.09337	390
2700	0.01386	64	0.27811	115	0.09451	368	2018.3	257	1.138	50	0.09727	392
2800	0.01450	65	0.27926	116	0.09819	370	1992.6	254	1.188	50	0.10119	394
2900	0.01515	67	0.28042	117	0.10189	371	1967.2	252	1.238	51	0.10513	396
3000	0.01582	68	0.28159	118	0.10560	372	1942.0	249	1.289	52	0.10909	398
3100	0.01650	69	0.28277	119	0.10932	373	1917.1	246	1.341	52	0.11307	401
3200	0.01719	70	0.28396	119	0.11305	374	1892.5	244	1.393	53	0.11708	404
3300	0.01789	72	0.28515	120	0.11679	376	1868.1	241	1.446	54	0.12112	407
3400	0.01861	73	0.28635	122	0.12055	377	1844.0	238	1.500	55	0.12519	410
3500	0.01934	74	0.28757	123	0.12432	377	1820.2	236	1.555	55	0.12929	413
3600	0.02008	76	0.28880	124	0.12809	378	1796.6	233	1.610	56	0.13342	416
3700	0.02084	77	0.29004	124	0.13187	380	1773.3	230	1.666	57	0.13758	419
3800	0.02161	78	0.29128	125	0.13567	381	1750.3	228	1.723	57	0.14177	422
3900	0.02239	80	0.29253	127	0.13948	382	1727.5	225	1.780	58	0.14599	425
4000	0.02319	81	0.29380	129	0.14330	381	1705.0	222	1.838	59	0.15024	427
4100	0.02400	83	0.29509	130	0.14711	381	1682.8	220	1.897	60	0.15451	429
4200	0.02483	85	0.29639	130	0.15092	381	1660.8	217	1.957	60	0.15880	432
4300	0.02568	86	0.29769	131	0.15473	381	1639.1	214	2.017	61	0.16312	434
4400	0.02654	88	0.29900	131	0.15854	381	1617.7	211	2.078	63	0.16746	436
4500	0.02742	90	0.30031	132	0.16235	381	1596.6	209	2.141	63	0.17182	439
4600	0.02832	91	0.30163	133	0.16616	381	1575.7	206	2.204	64	0.17621	441
4700	0.02923	93	0.30296	134	0.16997	381	1555.1	203	2.268	65	0.18062	443
4800	0.03016	94	0.30430	134	0.17378	381	1534.8	200	2.333	66	0.18505	446
4900	0.03110	96	0.30564	135	0.17759	381	1514.8	198	2.399	66	0.18951	448
5000	0.03206	98	0.30699	134	0.18140	380	1495.0	195	2.465	67	0.19399	450

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TABLE II. *V=2,800 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.03206	98	0.30699	134	0.18140	380	1495.0	195	2.465	67	0.19399	450
5100	0.03304	100	0.30833	134	0.18520	379	1475.5	193	2.532	68	0.19849	453
5200	0.03404	103	0.30967	134	0.18899	378	1456.2	189	2.600	69	0.20302	456
5300	0.03507	104	0.31101	134	0.19277	376	1437.3	187	2.669	70	0.20758	458
5400	0.03611	107	0.31235	135	0.19653	376	1418.6	184	2.739	71	0.21216	462
5500	0.03718	108	0.31370	135	0.20029	374	1400.2	182	2.810	72	0.21678	464
5600	0.03826	110	0.31505	135	0.20403	374	1381.0	177	2.882	73	0.22142	468
5700	0.03936	113	0.31640	135	0.20777	372	1363.3	173	2.955	74	0.22610	470
5800	0.04049	114	0.31775	135	0.21149	371	1346.0	171	3.029	75	0.23080	473
5900	0.04163	117	0.31910	136	0.21520	370	1328.9	169	3.104	76	0.23553	476
6000	0.04280	119	0.32046	137	0.21890	368	1312.0	168	3.180	77	0.24029	478
6100	0.04399	121	0.32183	137	0.22258	365	1295.2	164	3.257	78	0.24507	479
6200	0.04520	124	0.32320	137	0.22623	360	1278.8	158	3.335	79	0.24986	481
6300	0.04644	126	0.32457	137	0.22983	354	1263.0	151	3.414	79	0.25467	482
6400	0.04770	129	0.32594	136	0.23337	349	1247.9	145	3.493	80	0.25949	483
6500	0.04899	131	0.32730	136	0.23686	344	1233.4	140	3.573	81	0.26432	485
6600	0.05030	134	0.32866	136	0.24030	338	1219.4	134	3.654	83	0.26917	486
6700	0.05164	137	0.33002	136	0.24368	331	1206.0	129	3.737	83	0.27403	487
6800	0.05301	139	0.33138	136	0.24699	324	1193.1	123	3.820	84	0.27890	489
6900	0.05440	142	0.33274	135	0.25023	317	1180.8	118	3.904	85	0.28379	490
7000	0.05582	144	0.33409	135	0.25340	307	1169.0	114	3.989	86	0.28869	492
7100	0.05726	147	0.33544	135	0.25647	296	1157.6	111	4.075	87	0.29361	493
7200	0.05873	150	0.33679	134	0.25943	287	1146.5	107	4.162	88	0.29854	493
7300	0.06023	153	0.33813	132	0.26230	277	1135.8	104	4.250	88	0.30347	493
7400	0.06176	155	0.33945	132	0.26507	267	1125.4	101	4.338	89	0.30840	493
7500	0.06331	158	0.34077	131	0.26774	258	1115.3	97	4.427	90	0.31333	493
7600	0.06489	160	0.34208	130	0.27032	249	1105.6	94	4.517	91	0.31826	493
7700	0.06649	163	0.34338	129	0.27281	241	1096.2	91	4.608	92	0.32319	492
7800	0.06812	165	0.34467	128	0.27522	233	1087.1	87	4.700	92	0.32811	493
7900	0.06978	168	0.34595	127	0.27755	225	1078.4	84	4.792	93	0.33304	493
8000	0.07146	171	0.34722	126	0.27980	216	1070.0	82	4.885	94	0.33797	493
8100	0.07317	174	0.34848	125	0.28196	207	1061.8	80	4.979	95	0.34290	491
8200	0.07491	177	0.34973	123	0.28403	198	1053.8	78	5.074	95	0.34781	489
8300	0.07668	179	0.35096	121	0.28601	189	1046.0	76	5.169	96	0.35270	487
8400	0.07847	182	0.35217	120	0.28790	180	1038.4	73	5.265	97	0.35757	485
8500	0.08029	185	0.35337	118	0.28970	170	1031.1	71	5.362	97	0.36242	482
8600	0.08214	188	0.35455	116	0.29140	161	1024.0	68	5.459	98	0.36724	481
8700	0.08402	191	0.35571	114	0.29301	152	1017.2	66	5.557	99	0.37205	478
8800	0.08593	193	0.35685	112	0.29453	143	1010.6	64	5.656	99	0.37683	476
8900	0.08786	196	0.35797	110	0.29596	134	1004.2	62	5.755	100	0.38159	474
9000	0.08982	199	0.35907	107	0.29730	126	998.0	61	5.855	101	0.38633	472
9100	0.09181	202	0.36014	104	0.29856	121	991.9	61	5.956	101	0.39105	469
9200	0.09383	205	0.36118	103	0.29977	117	985.8	59	6.057	102	0.39574	467
9300	0.09588	208	0.36221	101	0.30094	112	979.9	59	6.159	102	0.40041	465
9400	0.09796	210	0.36322	99	0.30206	107	974.0	57	6.261	103	0.40506	463
9500	0.10006	214	0.36421	96	0.30313	103	968.3	57	6.364	103	0.40969	460
9600	0.10220	217	0.36517	94	0.30416	98	962.6	55	6.467	104	0.41429	458
9700	0.10437	219	0.36611	92	0.30514	93	957.1	55	6.571	105	0.41887	455
9800	0.10656	223	0.36703	90	0.30607	89	951.6	53	6.676	105	0.42342	452
9900	0.10879	225	0.36793	88	0.30696	84	946.3	53	6.781	106	0.42794	450
10000	0.11104	227	0.36881	85	0.30780	80	941.0	52	6.887	107	0.43244	447

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TABLE II. $V=2{,}800$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	x	$\log Q$	Δ
10000	0.11104	227	0.36881	85	0.30780	80	941.0	52	6.887	107	0.43244	447
10100	0.11331	229	0.36966	83	0.30860	77	935.8	52	6.994	107	0.43691	443
10200	0.11560	233	0.37049	81	0.30937	74	930.6	51	7.101	107	0.44134	441
10300	0.11793	235	0.37130	79	0.31011	70	925.5	51	7.208	108	0.44575	438
10400	0.12028	237	0.37209	77	0.31081	68	920.4	50	7.316	109	0.45013	435
10500	0.12265	241	0.37286	75	0.31149	64	915.4	50	7.425	110	0.45448	433
10600	0.12506	244	0.37361	73	0.31213	62	910.4	49	7.535	110	0.45881	431
10700	0.12750	246	0.37434	71	0.31275	58	905.5	49	7.645	111	0.46312	427
10800	0.12996	249	0.37505	69	0.31333	55	900.6	48	7.756	111	0.46739	424
10900	0.13245	252	0.37574	67	0.31388	52	895.8	48	7.867	112	0.47163	422
11000	0.13497	255	0.37641	65	0.31440	50	891.0	47	7.979	112	0.47585	421
11100	0.13752	257	0.37706	63	0.31490	49	886.3	47	8.091	113	0.48006	418
11200	0.14009	260	0.37769	62	0.31539	48	881.6	46	8.204	114	0.48424	414
11300	0.14269	263	0.37831	60	0.31587	48	877.0	46	8.318	114	0.48838	411
11400	0.14532	266	0.37891	58	0.31635	46	872.4	44	8.432	115	0.49249	408
11500	0.14798	268	0.37949	56	0.31681	46	868.0	44	8.547	116	0.49657	404
11600	0.15066	271	0.38005	54	0.31727	44	863.6	44	8.663	116	0.50061	401
11700	0.15337	274	0.38059	53	0.31771	44	859.2	42	8.779	117	0.50462	398
11800	0.15611	277	0.38112	52	0.31815	43	855.0	42	8.896	117	0.50860	394
11900	0.15888	279	0.38164	49	0.31858	42	850.8	42	9.013	118	0.51254	391
12000	0.16167	282	0.38213	47	0.31900	42	846.6	43	9.131	118	0.51645	389
12100	0.16449	284	0.38260	46	0.31942	41	842.3	42	9.249	119	0.52036	388
12200	0.16733	288	0.38306	45	0.31983	40	838.1	42	9.368	120	0.52424	386
12300	0.17021	291	0.38351	43	0.32023	38	932.9	41	9.488	120	0.52810	383
12400	0.17312	293	0.38394	42	0.32061	38	829.8	41	9.608	121	0.53193	381
12500	0.17605	296	0.38436	41	0.32099	36	825.7	40	9.729	121	0.53574	379
12600	0.17901	299	0.38477	40	0.32135	36	821.7	40	9.850	122	0.53953	376
12700	0.18200	302	0.38517	38	0.32171	34	817.7	40	9.972	123	0.54329	374
12800	0.18502	305	0.38555	37	0.32205	33	813.7	39	10.095	123	0.54703	371
12900	0.18807	308	0.38592	36	0.32238	32	809.8	38	10.218	124	0.55074	369
13000	0.19115	311	0.38628	35	0.32270	31	806.0	39	10.342	124	0.55443	367
13100	0.19426	313	0.38663	35	0.32301	31	802.1	38	10.466	125	0.55810	365
13200	0.19739	317	0.38698	34	0.32332	31	798.3	38	10.591	126	0.56175	363
13300	0.20056	319	0.38732	33	0.32363	31	794.5	37	10.717	126	0.56538	361
13400	0.20375	322	0.38765	32	0.32394	31	790.8	37	10.843	127	0.56899	358
13500	0.20697	325	0.38797	31	0.32425	31	787.1	37	10.970	127	0.57257	356
13600	0.21022	328	0.38828	31	0.32456	31	783.4	37	11.097	128	0.57613	354
13700	0.21350	331	0.38859	30	0.32487	31	779.7	36	11.225	128	0.57967	352
13800	0.21681	333	0.38889	28	0.32518	31	776.1	36	11.353	129	0.58319	350
13900	0.22014	337	0.38917	28	0.32549	31	772.5	35	11.482	130	0.58669	348
14000	0.22351	339	0.38945	27	0.32580	30	769.0	36	11.612	130	0.59017	346
14100	0.22690	343	0.38972	27	0.32610	31	765.4	36	11.742	131	0.59363	343
14200	0.23033	346	0.38999	26	0.32641	31	761.8	36	11.873	132	0.59706	342
14300	0.23379	348	0.39025	25	0.32672	31	758.2	35	12.005	132	0.60048	340
14400	0.23727	352	0.39050	25	0.32703	31	754.7	35	12.137	133	0.60388	338
14500	0.24079	354	0.39075	24	0.32734	31	751.2	35	12.270	133	0.60726	336
14600	0.24433	357	0.39099	24	0.32765	31	747.7	35	12.403	134	0.61062	333
14700	0.24790	360	0.39123	23	0.32796	31	744.2	34	12.537	135	0.61395	332
14800	0.25150	364	0.39146	22	0.32827	31	740.8	34	12.672	135	0.61727	331
14900	0.25514	366	0.39168	22	0.32858	32	737.4	34	12.807	136	0.62058	329
15000	0.25880	369	0.39190	21	0.32890	33	734.0	34	12.943	137	0.62387	327

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TABLE II. $V=2{,}800$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.25880	369	0.39190	21	0.32890	33	734.0	34	12.943	137	0.62387	327
15100	0.26249	373	0.39211	21	0.32923	34	730.6	35	13.080	137	0.62714	325
15200	0.26622	375	0.39232	21	0.32957	34	727.1	34	13.217	138	0.63039	324
15300	0.26997	379	0.39253	20	0.32991	35	723.7	33	13.355	138	0.63363	322
15400	0.27376	382	0.39273	20	0.33026	35	720.4	34	13.493	139	0.63685	321
15500	0.27758	385	0.39293	19	0.33061	35	717.0	34	13.632	140	0.64006	319
15600	0.28143	388	0.39312	19	0.33096	35	713.6	33	13.772	140	0.64325	317
15700	0.28531	391	0.39331	18	0.33131	36	710.3	33	13.912	141	0.64642	315
15800	0.28922	394	0.39349	18	0.33167	36	707.0	33	14.053	142	0.64957	314
15900	0.29316	398	0.39367	18	0.33203	37	703.7	33	14.195	142	0.65271	313
16000	0.29714	401	0.39385	17	0.33240	37	700.4	33	14.337	143	0.65584	311
16100	0.30115	404	0.39402	17	0.33277	37	697.1	32	14.480	144	0.65895	310
16200	0.30519	407	0.39419	17	0.33314	37	693.9	32	14.624	144	0.66205	309
16300	0.30926	411	0.39436	16	0.33351	38	690.7	33	14.768	145	0.66514	307
16400	0.31337	414	0.39452	16	0.33389	38	687.4	32	14.913	146	0.66821	306
16500	0.31751	417	0.39468	16	0.33427	39	684.2	32	15.059	147	0.67127	305
16600	0.32168	420	0.39484	16	0.33466	39	681.0	31	15.206	147	0.67432	303
16700	0.32588	424	0.39500	16	0.33505	40	677.9	32	15.353	148	0.67735	302
16800	0.33012	428	0.39516	15	0.33545	40	674.7	32	15.501	149	0.68037	301
16900	0.33440	430	0.39531	15	0.33585	41	671.5	31	15.650	149	0.68338	299
17000	0.33870	434	0.39546	15	0.33626	42	668.4	31	15.799	150	0.68637	298
17100	0.34304	437	0.39561	15	0.33668	42	665.3	31	15.949	151	0.68935	297
17200	0.34741	440	0.39576	15	0.33710	43	662.2	31	16.100	151	0.69232	295
17300	0.35181	444	0.39591	15	0.33753	43	659.1	31	16.251	152	0.69527	295
17400	0.35625	448	0.39606	15	0.33796	44	656.0	30	16.403	153	0.69822	294
17500	0.36073	451	0.39621	15	0.33840	45	653.0	31	16.556	154	0.70116	292
17600	0.36524	455	0.39636	15	0.33885	45	649.9	30	16.710	154	0.70208	291
17700	0.36979	458	0.39651	15	0.33930	45	646.9	30	16.864	155	0.70699	290
17800	0.37437	462	0.39666	14	0.33975	46	643.9	30	17.019	156	0.70989	288
17900	0.37899	465	0.39680	15	0.34021	47	640.9	30	17.175	156	0.71277	288
18000	0.38364	469	0.39695	15	0.34068	47	637.9	30	17.331	157	0.71565	287
18100	0.38833	472	0.39710	14	0.34115	48	634.9	29	17.488	158	0.71852	286
18200	0.39305	476	0.39724	15	0.34163	48	632.0	30	17.646	159	0.72138	284
18300	0.39781	480	0.39739	14	0.34211	49	629.0	29	17.805	159	0.72422	284
18400	0.40261	483	0.39753	15	0.34260	49	626.1	29	17.964	160	0.72706	283
18500	0.40744	486	0.39768	15	0.34309	50	623.2	30	18.124	161	0.72989	282
18600	0.41230	491	0.39783	14	0.34359	50	620.2	29	18.285	162	0.73271	281
18700	0.41721	495	0.39797	15	0.34409	50	617.3	28	18.447	162	0.73552	281
18800	0.42216	498	0.39812	14	0.34459	51	614.5	29	18.609	163	0.73833	279
18900	0.42714	503	0.39826	15	0.34510	52	611.6	29	18.772	164	0.74112	278
19000	0.43217	506	0.39841	15	0.34562	52	608.7	28	18.936	165	0.74390	278
19100	0.43723	509	0.39856	15	0.34614	53	605.9	28	19.101	166	0.74668	277
19200	0.44232	514	0.39871	15	0.34667	53	603.1	28	19.267	166	0.74945	276
19300	0.44746	518	0.39886	16	0.34720	53	600.3	28	19.433	167	0.75221	275
19400	0.45264	522	0.39902	15	0.34773	54	597.5	28	19.600	168	0.75496	275
19500	0.45786	525	0.39917	15	0.34827	54	594.7	27	19.768	169	0.75771	274
19600	0.46311	530	0.39932	16	0.34881	55	592.0	28	19.937	169	0.76045	272
19700	0.46841	534	0.39948	15	0.34936	56	589.2	28	20.106	169	0.76317	272
19800	0.47375	537	0.39963	15	0.34992	56	586.4	27	20.275	171	0.76589	271
19900	0.47912	542	0.39978	16	0.35048	56	583.7	27	20.446	171	0.76860	270
20000	0.48454	546	0.39994	15	0.35104	56	581.0	27	20.617	171	0.77130	270

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TABLE II. V=2,900 *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	39	0.25000	81	0.00000	328	2900.0	326	0.000	35	0.00000	323
100	0.00039	39	0.25081	83	0.00328	329	2867.4	324	0.035	35	0.00323	326
200	0.00078	40	0.25164	85	0.00657	331	2835.0	322	0.070	35	0.00649	328
300	0.00118	40	0.25249	87	0.00988	332	2802.8	320	0.105	36	0.00977	331
400	0.00158	41	0.25336	89	0.01320	333	2770.8	317	0.141	36	0.01308	333
500	0.00199	42	0.25425	91	0.01653	335	2739.1	315	0.177	37	0.01641	336
600	0.00241	42	0.25516	94	0.01988	336	2707.6	312	0.214	37	0.01977	338
700	0.00283	43	0.25610	96	0.02324	337	2676.4	310	0.251	38	0.02315	340
800	0.00326	43	0.25706	99	0.02661	339	2645.4	308	0.289	38	0.02655	343
900	0.00369	44	0.25805	102	0.03000	340	2614.6	306	0.327	38	0.02998	345
1000	0 00413	45	0.25907	104	0.03340	342	2584.0	304	0.365	39	0.03343	347
1100	0.00458	46	0.26011	106	0.03682	343	2553.6	301	0.404	39	0.03690	350
1200	0.00504	46	0.26117	108	0.04025	344	2523.5	299	0.443	40	0.04040	353
1300	0.00550	47	0.26225	110	0.04369	346	2493.6	296	0.483	41	0.04393	355
1400	0.00597	48	0.26335	111	0.04715	347	2464.0	294	0.524	41	0.04748	357
1500	0.00645	49	0.26446	111	0.05062	349	2434.6	292	0.565	41	0.05105	360
1600	0.00694	50	0.26557	111	0.05411	350	2405.4	290	0.606	42	0.05465	362
1700	0.00744	50	0.26668	111	0.05761	351	2376.4	287	0.648	42	0.05827	365
1800	0.00794	51	0.26779	112	0.06112	352	2347.7	285	0.690	43	0.06192	367
1900	0.00845	52	0.26891	113	0.06464	354	2319.2	282	0.733	43	0.06559	370
2000	0.00897	53	0.27004	113	0.06818	355	2291.0	280	0.776	44	0.06929	373
2100	0.00950	54	0.27117	113	0.07173	357	2263.0	278	0.820	44	0.07302	375
2200	0.01004	55	0.27230	113	0.07530	358	2235.2	276	0.864	45	0.07677	377
2300	0.01059	56	0.27343	113	0.07888	359	2207.6	273	0.909	46	0.08054	380
2400	0.01115	57	0.27456	113	0.08247	361	2180.3	270	0.955	46	0.08434	382
2500	0.01172	57	0.27569	114	0.08608	362	2153.3	269	1.001	47	0.08816	385
2600	0.01229	59	0.27683	115	0.08970	363	2126.4	265	1.048	47	0.09201	387
2700	0.01288	60	0.27798	115	0.09333	364	2099.9	264	1.095	48	0.09588	389
2800	0.01348	60	0.27913	115	0.09697	366	2073.5	260	1.143	49	0.09977	392
2900	0.01408	62	0.28028	116	0.10063	367	2047.5	259	1.192	49	0.10369	394
3000	0.01470	63	0.28144	117	0.10430	369	2021.6	256	1.241	50	0.10763	396
3100	0.01533	64	0.28261	117	0.10799	371	1996.0	254	1.291	50	0.11159	398
3200	0.01597	65	0.28378	118	0.11170	372	1970.6	252	1.341	51	0.11557	400
3300	0.01662	66	0.28496	118	0.11542	373	1945.4	249	1.392	52	0.11957	402
3400	0.01728	68	0.28614	120	0.11915	374	1920.5	246	1.444	52	0.12359	405
3500	0.01796	69	0.28734	119	0.12289	375	1895.9	244	1.496	53	0.12764	408
3600	0.01865	70	0.28853	121	0.12664	375	1871.5	242	1.549	54	0.13172	410
3700	0.01935	71	0.28974	120	0.13039	376	1847.3	239	1.603	55	0.13582	412
3800	0.02006	72	0.29094	122	0.13415	377	1823.4	236	1.658	55	0.13994	415
3900	0.02078	74	0.29216	122	0.13792	378	1799 8	234	1.713	56	0.14409	417
4000	0.02152	76	0.29338	123	0.14170	379	1776.4	231	1.769	57	0.14826	420
4100	0.02228	77	0.29461	123	0.14549	379	1753.3	229	1.826	57	0.15246	423
4200	0.02305	78	0.29584	125	0.14928	379	1730.4	226	1.883	58	0.15669	425
4300	0.02383	80	0.29709	125	0.15307	380	1707.8	223	1.941	59	0.16094	428
4400	0.02463	81	0.29834	125	0.15687	381	1685.5	221	2.000	60	0.16522	430
4500	0.02544	83	0.29959	126	0.16068	381	1663.4	218	2.060	61	0.16952	433
4600	0.02627	84	0.30085	127	0.16449	382	1641.6	216	2.121	61	0.17385	435
4700	0.02711	85	0.30212	129	0.16831	383	1620,0	212	2.182	62	0.17820	438
4800	0.02796	87	0.30341	129	0.17214	383	1598.8	211	2.244	63	0.18258	440
4900	0.02883	88	0.30470	130	0.17597	383	1577.7	207	2.307	64	0.18698	443
5000	0.02971	90	0.30600	132	0.17980	382	1557.0	206	2.371	64	0.19141	445

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TABLE II. $V=2{,}900\,f.\,s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.02971	90	0.30600	132	0.17980	382	1557.0	206	2.371	64	0.19141	445
5100	0.03061	93	0.30732	132	0.18362	381	1536.4	203	2.435	65	0.19586	448
5200	0.03154	94	0.30864	133	0.18743	380	1516.1	200	2.500	67	0.20034	451
5300	0.03248	96	0.30997	134	0.19123	378	1496.1	196	2.567	67	0.20485	454
5400	0.03344	98	0.31131	134	0.19501	376	1476.5	194	2.634	68	0.20949	456
5500	0.03442	100	0.31265	135	0.19877	375	1457.1	190	2.702	69	0.21395	458
5600	0.03542	102	0.31400	135	0.20252	375	1438.1	188	2.771	70	0.21853	461
5700	0.03644	104	0.31535	136	0.20627	375	1419.3	184	2.841	71	0.22314	464
5800	0.03748	105	0.31671	137	0.21002	374	1400.9	181	2.912	72	0.22778	466
5900	0.03853	108	0.31808	137	0.21376	374	1382.8	178	2.984	73	0.23244	469
6000	0.03961	110	0.31945	140	0.21750	373	1365.0	175	3.057	74	0.23713	472
6100	0.04071	112	0.32085	139	0.22123	371	1347.5	171	3.131	74	0.24185	475
6200	0.04183	114	0.32224	139	0.22494	369	1330.4	167	3.205	76	0.24660	478
6300	0.04297	117	0.32363	139	0.22863	366	1313.7	163	3.281	77	0.25138	480
6400	0.04414	119	0.32502	138	0.23229	362	1297.4	159	3.358	77	0.25618	482
6500	0.04533	122	0.32640	138	0.23591	359	1281.5	155	3.435	79	0.26100	484
6600	0.04655	124	0.32778	138	0.23950	356	1266.0	151	3.514	79	0.26584	486
6700	0.04779	126	0.32916	137	0.24306	351	1250.9	147	3.593	80	0.27070	487
6800	0.04905	128	0.33053	137	0.24657	345	1236.2	143	3.673	82	0.27557	489
6900	0.05033	131	0.33190	137	0.25002	338	1221.9	139	3.755	82	0.28046	491
7000	0.05164	133	0.33327	138	0.25340	330	1208.0	133	3.837	83	0.28537	492
7100	0.05297	136	0.33465	137	0.25670	323	1194.7	127	3.920	85	0.29029	493
7200	0.05433	139	0.33602	136	0.25993	316	1182.0	121	4.005	85	0.29522	494
7300	0.05572	141	0.33738	136	0.26309	309	1169.9	116	4.090	86	0.30016	495
7400	0.05713	144	0.33874	136	0.26618	300	1158.3	112	4.176	87	0.30511	496
7500	0.05857	147	0.34010	134	0.26918	291	1147.1	108	4.263	87	0.31007	497
7600	0.06004	149	0.34144	135	0.27209	282	1136.3	104	4.350	88	0.31504	498
7700	0.06153	152	0.34279	133	0.27491	273	1125.9	100	4.438	89	0.32002	498
7800	0.06305	154	0.34412	133	0.27764	263	1115.9	96	4.527	90	0.32500	499
7900	0.06459	157	0.34545	133	0.28027	253	1106.3	93	4.617	91	0.32999	500
8000	0.06616	160	0.34678	134	0.28280	243	1097.0	90	4.708	92	0.33499	499
8100	0.06776	163	0.34812	132	0.28523	233	1088.0	88	4.800	92	0.33998	498
8200	0.06939	165	0.34944	131	0.28756	223	1079.2	86	4.892	93	0.34496	497
8300	0.07104	168	0.35075	130	0.28979	213	1070.6	83	4.985	94	0.34993	495
8400	0.07272	171	0.35205	128	0.29192	203	1062.3	80	5.079	94	0.35488	494
8500	0.07443	174	0.35333	127	0.29395	194	1054.3	78	5.173	96	0.35982	493
8600	0.07617	176	0.35460	125	0.29589	185	1046.5	75	5.269	96	0.36475	492
8700	0.07793	179	0.35585	124	0.29774	177	1039.0	72	5.365	96	0.36967	491
8800	0.07972	182	0.35709	122	0.29951	169	1031.8	70	5.461	97	0.37458	489
8900	0.08154	185	0.35831	120	0.30120	160	1024.8	68	5.558	98	0.37947	488
9000	0.08339	188	0.35951	117	0.30280	152	1018.0	66	5.656	99	0.38435	486
9100	0.08527	190	0.36068	114	0.30432	145	1011.4	65	5.755	99	0.38921	484
9200	0.08717	193	0.36182	111	0.30577	139	1004.9	63	5.854	100	0.39405	482
9300	0.08910	196	0.36293	109	0.30716	133	998.6	62	5.954	100	0.39887	479
9400	0.09106	199	0.36402	107	0.30849	127	992.4	61	6.054	101	0.40366	477
9500	0.09305	201	0.36509	105	0.30976	121	986.3	59	6.155	102	0.40843	474
9600	0.09506	204	0.36614	103	0.31097	115	980.4	58	6.257	102	0.41317	472
9700	0.09710	207	0.36717	101	0.31212	109	974.6	57	6.359	103	0.41789	470
9800	0.09917	209	0.36818	99	0.31321	103	968.9	55	6.462	104	0.42259	468
9900	0.10126	212	0.36917	96	0.31424	96	963.4	54	6.566	104	0.42727	465
10000	0.10338	215	0.37013	93	0.31520	91	958.0	55	6.670	105	0.43192	462

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TABLE II. $V=2{,}900$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	∇	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.10338	215	0.37013	93	0.31520	91	958.0	55	6.670	105	0.43192	462
10100	0.10553	218	0.37106	92	0.31611	87	952.5	55	6.775	105	0.43654	459
10200	0.10771	220	0.37198	89	0.31698	83	947.0	54	6.880	106	0.44113	456
10300	0.10991	223	0.37287	87	0.31781	80	941.6	53	6.986	107	0.44569	453
10400	0.11214	225	0.37374	85	0.31861	76	936.3	52	7.093	107	0.45022	450
10500	0.11439	229	0.37459	82	0.31937	72	931.1	52	7.200	108	0.45472	447
10600	0.11668	231	0.37541	81	0.32009	68	925.9	51	7.308	108	0.45919	445
10700	0.11899	234	0.37622	78	0.32077	64	920.8	50	7.416	109	0.46364	442
10800	0.12133	237	0.37700	77	0.32141	61	915.8	49	7.525	109	0.46806	439
10900	0.12370	240	0.37777	74	0.32202	58	910.9	49	7.634	110	0.47245	436
11000	0.12610	243	0.37851	72	0.32260	57	906.0	48	7.744	111	0.47681	433
11100	0.12853	245	0.37923	71	0.32317	56	901.2	48	7.855	111	0.48114	431
11200	0.13098	248	0.37994	69	0.32373	54	896.4	47	7.966	112	0.48545	428
11300	0.13346	250	0.38063	67	0.32427	52	891.7	47	8.078	112	0.48973	425
11400	0.13596	254	0.38130	65	0.32479	50	887.0	46	8.190	113	0.49398	422
11500	0.13850	256	0.38195	63	0.32529	48	882.4	46	8.303	114	0.49820	420
11600	0.14106	259	0.38258	62	0.32577	46	877.8	45	8.417	114	0.50240	417
11700	0.14365	261	0.38320	59	0.32623	44	873.3	45	8.531	115	0.50657	414
11800	0.14626	264	0.38379	58	0.32667	43	868.8	44	8.646	115	0.51071	411
11900	0.14890	267	0.38437	56	0.32710	40	864.4	44	8.761	116	0.51482	409
12000	0.15157	270	0.38493	54	0.32750	40	860.0	44	8.877	117	0.51891	406
12100	0.15427	272	0.38547	52	0.32790	40	855.6	43	8.994	117	0.52297	403
12200	0.15699	275	0.38599	51	0.32830	38	851.3	43	9.111	118	0.52700	401
12300	0.15974	278	0.38650	50	0.32868	38	847.0	43	9.229	118	0.53101	398
12400	0.16252	281	0.38700	47	0.32906	36	842.7	42	9.347	119	0.53499	396
12500	0.16533	284	0.38747	47	0.32942	36	838.5	42	9.466	119	0.53895	393
12600	0.16817	287	0.38794	45	0.32978	34	834.3	41	9.585	120	0.54288	390
12700	0.17104	290	0.38839	43	0.33012	34	830.2	41	9.705	121	0.54678	388
12800	0.17394	292	0.38882	42	0.33046	32	826.1	41	9.826	121	0.55066	386
12900	0.17686	295	0.38924	41	0.33078	32	822.0	40	9.947	122	0.55452	383
13000	0.17981	298	0.38965	40	0.33110	32	818.0	39	10.069	123	0.55835	381
13100	0.18279	301	0.39005	39	0.33142	31	814.1	39	10.192	123	0.56216	378
13200	0.18580	304	0.39044	37	0.33173	31	810.2	39	10.315	124	0.56594	377
13300	0.18884	306	0.39081	37	0.33204	31	806.3	38	10.439	124	0.56971	373
13400	0.19190	310	0.39118	36	0.33235	30	802.5	38	10.563	125	0.57344	372
13500	0.19500	312	0.39154	34	0.33265	30	798.7	38	10.688	126	0.57716	370
13600	0.19812	315	0.39188	34	0.33295	29	794.9	38	10.814	126	0.58086	367
13700	0.20127	318	0.39222	32	0.33324	29	791.1	37	10.940	127	0.58453	365
13800	0.20445	320	0.39254	32	0.33353	29	787.4	37	11.067	127	0.58818	363
13900	0.20765	324	0.39286	30	0.33382	28	783.7	37	11.194	128	0.59181	360
14000	0.21089	327	0.39316	29	0.33410	28	780.0	36	11.322	128	0.59541	358
14100	0.21416	329	0.39345	29	0.33438	28	776.4	36	11.450	129	0.59899	356
14200	0.21745	332	0.39374	28	0.33466	28	772.8	36	11.579	130	0.60255	354
14300	0.22077	336	0.39402	27	0.33494	28	769.2	36	11.709	130	0.60609	352
14400	0.22413	338	0.39429	26	0.33522	28	765.6	36	11.839	131	0.60961	350
14500	0.22751	341	0.39455	26	0.33550	28	762.0	35	11.970	131	0.61311	348
14600	0.23092	344	0.39481	24	0.33578	28	758.5	35	12.101	132	0.61659	346
14700	0.23436	347	0.39505	24	0.33606	28	755.0	35	12.233	133	0.62005	344
14800	0.23783	350	0.39529	24	0.33634	28	751.5	35	12.366	133	0.62349	342
14900	0.24133	353	0.39553	22	0.33662	28	748.0	35	12.499	134	0.62691	340
15000	0.24486	356	0.39575	22	0.33690	29	744.5	35	12.633	135	0.63031	338

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TABLE II. $V=2{,}900\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.24486	356	0.39575	22	0.33690	29	744.5	35	12.633	135	0.63031	338
15100	0.24842	359	0.39597	21	0.33719	30	741.0	34	12.768	135	0.63369	336
15200	0.25201	362	0.39618	21	0.33749	30	737.6	34	12.903	136	0.63705	335
15300	0.25563	365	0.39639	20	0.33779	29	734.2	34	13.039	136	0.64040	333
15400	0.25928	368	0.39659	20	0.33808	29	730.8	34	13.175	137	0.64373	331
15500	0.26296	372	0.39679	19	0.33837	30	727.4	34	13.312	138	0.64704	330
15600	0.26668	374	0.39698	19	0.33867	31	724.0	34	13.450	139	0.65034	328
15700	0.27042	377	0.39717	19	0.33898	31	720.6	34	13.589	139	0.65362	326
15800	0.27419	380	0.39736	18	0.33929	32	717.2	33	13.728	140	0.65688	324
15900	0.27799	384	0.39754	17	0.33961	32	713.9	33	13.868	140	0.66012	323
16000	0.28183	387	0.39771	17	0.33993	32	710.6	33	14.008	141	0.66335	322
16100	0.28570	390	0.39788	17	0.34025	33	707.3	33	14.149	142	0.66657	320
16200	0.28960	393	0.39805	17	0.34058	33	704.0	33	14.291	142	0.66977	319
16300	0.29353	397	0.39822	17	0.34091	33	700.7	33	14.433	144	0.67296	317
16400	0.29750	400	0.39839	17	0.34124	34	697.4	32	14.577	144	0.67613	316
16500	0.30150	403	0.39856	16	0.34158	35	694.2	32	14.721	144	0.67929	314
16600	0.30553	406	0.39872	16	0.34193	35	691.0	32	14.865	145	0.68243	313
16700	0.30959	410	0.39888	16	0.34228	35	687.8	32	15.010	146	0.68556	311
16800	0.31369	413	0.39904	16	0.34263	36	684.6	32	15.156	146	0.68867	310
16900	0.31782	416	0.39920	15	0.34299	37	681.4	32	15.302	147	0.69177	309
17000	0.32198	419	0.39935	15	0.34336	37	678.2	32	15.449	148	0.69486	307
17100	0.32617	423	0.39950	15	0.34373	38	675.0	31	15.597	148	0.69793	306
17200	0.33040	426	0.39965	15	0.34411	38	671.9	31	15.745	149	0.70099	305
17300	0.33466	429	0.39980	15	0.34449	38	668.8	31	15.894	150	0.70404	303
17400	0.33895	433	0.39995	15	0.34487	39	665.7	31	16.044	151	0.70707	302
17500	0.34328	436	0.40010	15	0.34526	40	662.6	31	16.195	151	0.71009	301
17600	0.34764	440	0.40025	15	0.34566	41	659.5	31	16.346	152	0.71310	300
17700	0.35204	443	0.40040	14	0.34607	41	656.4	31	16.498	153	0.71610	298
17800	0.35647	446	0.40054	15	0.34648	41	653.3	31	16.651	153	0.71908	297
17900	0.36093	450	0.40069	15	0.34689	42	650.2	30	16.804	154	0.72205	296
18000	0.36543	453	0.40084	14	0.34731	43	647.2	30	16.958	155	0.72501	295
18100	0.36996	457	0.40098	14	0.34774	43	644.2	30	17.113	156	0.72796	294
18200	0.37453	460	0.40112	15	0.34817	43	641.2	30	17.269	156	0.73090	293
18300	0.37913	464	0.40127	14	0.34860	44	638.2	30	17.425	157	0.73383	292
18400	0.38377	468	0.40141	14	0.34904	45	635.2	30	17.582	158	0.73675	291
18500	0.38845	471	0.40155	14	0.34949	45	632.2	30	17.740	158	0.73966	289
18600	0.39316	475	0.40169	14	0.34994	46	629.2	29	17.898	160	0.74255	288
18700	0.39791	479	0.40183	15	0.35040	46	626.3	29	18.058	160	0.74543	287
18800	0.40270	482	0.40198	14	0.35086	47	623.4	29	18.218	161	0.74830	287
18900	0.40752	486	0.40212	14	0.35133	47	620.5	29	18.379	161	0.75117	286
19000	0.41238	490	0.40226	14	0.35180	48	617.6	29	18.540	163	0.75403	285
19100	0.41728	493	0.40240	15	0.35228	48	614.7	29	18.703	163	0.75688	284
19200	0.42221	498	0.40255	14	0.35276	49	611.8	28	18.866	164	0.75972	283
19300	0.42719	501	0.40269	14	0.35325	49	609.0	28	19.030	165	0.76255	282
19400	0.43220	506	0.40283	15	0.35374	50	606.2	28	19.195	165	0.76537	281
19500	0.43726	508	0.40298	14	0.35424	50	603.4	28	19.360	166	0.76818	280
19600	0.44234	513	0.40312	14	0.35474	51	600.6	28	19.526	167	0.77098	279
19700	0.44747	517	0.40326	14	0.35525	51	597.8	28	19.693	168	0.77377	279
19800	0.45264	521	0.40340	15	0.35576	52	595.0	28	19.861	168	0.77656	278
19900	0.45785	524	0.40355	14	0.35628	52	592.2	28	20.029	169	0.77934	277
20000	0.46309	527	0.40369	14	0.35680	53	589.4	28	20.198	170	0.78211	276

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TABLE II. $V=3{,}000$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	36	0.25000	80	0.00000	310	3000.0	332	0.000	33	0.00000	328
100	0.00036	36	0.25080	82	0.00310	314	2966.8	330	0.033	34	0.00328	329
200	0.00072	37	0.25162	85	0.00624	318	2933.8	327	0.067	34	0.00657	331
300	0.00109	38	0.25247	86	0.00942	322	2901.1	325	0.101	35	0.00988	333
400	0.00147	38	0.25333	88	0.01264	326	2868.6	323	0.136	35	0.01321	334
500	0.00185	39	0.25421	90	0.01590	330	2836.3	321	0.171	36	0.01655	336
600	0.00224	40	0.25511	92	0.01920	334	2804.2	319	0.207	36	0.01991	337
700	0.00264	40	0.25603	94	0.02254	338	2772.3	316	0.243	36	0.02328	339
800	0.00304	41	0.25697	95	0.02592	342	2740.7	314	0.279	37	0.02667	341
900	0.00345	41	0.25792	98	0.02934	346	2709.3	313	0.316	37	0.03008	343
1000	0.00386	42	0.25890	101	0.03280	351	2678.0	311	0.353	37	0.03351	344
1100	0.00428	42	0.25991	104	0.03631	356	2646.9	309	0.390	38	0.03695	345
1200	0.00470	43	0.26095	106	0.03987	360	2616.0	307	0.428	39	0.04040	347
1300	0.00513	44	0.26201	107	0.04347	362	2585.3	304	0.467	39	0.04387	348
1400	0.00557	45	0.26308	108	0.04709	363	2554.9	302	0.506	39	0.04735	350
1500	0.00602	45	0.26416	109	0.05072	362	2524.7	300	0.545	40	0.05085	352
1600	0.00647	46	0.26525	111	0.05434	360	2494.7	298	0.585	40	0.05437	354
1700	0.00693	47	0.26636	112	0.05794	358	2464.9	295	0.625	41	0.05791	357
1800	0.00740	48	0.26748	113	0.06152	355	2435.4	293	0.666	41	0.06148	359
1900	0.00788	49	0.26861	114	0.06407	353	2406.1	291	0.707	42	0.06507	360
2000	0.00837	49	0.26975	114	0.06860	353	2377.0	288	0.749	42	0.06867	363
2100	0.00886	50	0.27089	114	0.07213	354	2348.2	285	0.791	43	0.07230	366
2200	0.00936	50	0.27203	114	0.07567	355	2319.7	283	0.834	43	0.07596	369
2300	0.00986	51	0.27317	114	0.07922	356	2291.4	281	0.877	44	0.07965	371
2400	0.01037	53	0.27431	114	0.08278	357	2263.3	278	0.921	45	0.08336	373
2500	0.01090	53	0.27545	115	0.08635	358	2235.5	275	0.966	45	0.08709	375
2600	0.01143	55	0.27660	116	0.08993	358	2208.0	273	1.011	46	0.09084	378
2700	0.01198	56	0.27776	116	0.09351	359	2180.7	271	1.057	46	0.09462	380
2800	0.01254	57	0.27892	116	0.09710	360	2153.6	268	1.103	47	0.09842	383
2900	0.01311	58	0.28008	117	0.10070	360	2126.8	266	1.150	47	0.10225	385
3000	0.01369	58	0.28125	117	0.10430	361	2100.2	263	1.197	48	0.10610	388
3100	0.01427	59	0.28242	117	0.10791	362	2073.9	261	1.245	48	0.10998	390
3200	0.01486	60	0.28359	117	0.11153	365	2047.8	258	1.293	49	0.11388	393
3300	0.01546	61	0.28476	118	0.11518	367	2022.0	256	1.342	50	0.11781	395
3400	0.01607	62	0.28594	119	0.11885	369	1996.4	253	1.392	50	0.12176	398
3500	0.01669	64	0.28713	119	0.12254	370	1971.1	251	1.442	51	0.12574	400
3600	0.01733	65	0.28832	119	0.12624	371	1946.0	248	1.493	52	0.12974	403
3700	0.01798	66	0.28951	120	0.12995	372	1921.2	246	1.545	52	0.13377	405
3800	0.01864	67	0.29071	120	0.13367	372	1896.6	243	1.597	53	0.13782	408
3900	0.01930	69	0.29191	121	0.13739	371	1872.3	241	1.650	54	0.14190	411
4000	0.02001	69	0.29312	122	0.14110	371	1848.2	239	1.704	55	0.14601	414
4100	0.02070	70	0.29434	122	0.14481	371	1824.3	236	1.759	55	0.15015	416
4200	0.02140	72	0.29556	123	0.14852	372	1800.7	234	1.814	56	0.15431	419
4300	0.02212	73	0.29679	124	0.15224	373	1777.3	231	1.870	57	0.15850	422
4400	0.02285	75	0.29803	124	0.15597	374	1754.2	228	1.927	57	0.16272	425
4500	0.02360	77	0.29927	125	0.15971	376	1731.4	226	1.984	58	0.16697	427
4600	0.02437	79	0.30052	126	0.16347	377	1708.8	224	2.042	59	0.17124	430
4700	0.02516	80	0.30178	126	0.16724	378	1686.4	221	2.101	60	0.17554	433
4800	0.02596	81	0.30304	127	0.17102	379	1664.3	218	2.161	60	0.17987	435
4900	0.02677	82	0.30431	128	0.17481	379	1642.5	215	2.221	61	0.18422	438
5000	0.02759	83	0.30559	129	0.17860	377	1621.0	213	2.282	62	0.18860	441

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TABLE II. $V=3{,}000$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.02759	83	0.30559	129	0.17860	377	1621.0	213	2.282	62	0.18860	441
5100	0.02842	85	0.30688	129	0.18237	376	1599.7	210	2.344	63	0.19301	444
5200	0.02927	87	0.30817	130	0.18613	375	1578.7	207	2.407	64	0.19745	446
5300	0.03014	89	0.30947	131	0.18988	375	1558.0	205	2.471	64	0.20191	449
5400	0.03103	91	0.31078	132	0.19363	375	1537.5	202	2.535	66	0.20640	452
5500	0.03194	93	0.31210	132	0.19738	375	1517.3	198	2.601	67	0.21092	455
5600	0.03287	94	0.31342	133	0.20113	375	1497.5	195	2.668	67	0.21547	457
5700	0.03381	96	0.31475	134	0.20488	376	1478.0	192	2.735	68	0.22004	460
5800	0.03477	98	0.31609	134	0.20864	377	1458.8	190	2.803	69	0.22464	462
5900	0.03575	99	0.31743	136	0.21241	379	1439.8	189	2.872	70	0.22926	465
6000	0.03674	101	0.31879	138	0.21620	382	1420.9	187	2.942	70	0.23391	469
6100	0.03775	103	0.32017	139	0.22002	384	1402.2	183	3.012	71	0.23860	472
6200	0.03878	106	0.32156	139	0.22386	385	1383.9	179	3.083	72	0.24332	475
6300	0.03984	109	0.32295	139	0.22771	383	1366.0	175	3.155	73	0.24807	477
6400	0.04093	111	0.32434	139	0.23154	379	1348.5	171	3.228	74	0.25284	479
6500	0.04204	112	0.32573	140	0.23533	374	1331.4	167	3.302	75	0.25763	481
6600	0.04316	114	0.32713	140	0.23907	369	1314.7	163	3.377	77	0.26244	483
6700	0.04430	117	0.32853	140	0.24276	362	1298.4	159	3.454	78	0.26727	485
6800	0.04547	119	0.32993	141	0.24638	355	1282.5	155	3.532	78	0.27212	487
6900	0.04666	121	0.33134	141	0.24993	347	1267.0	150	3.610	80	0.27699	489
7000	0.04787	123	0.33275	141	0.25340	340	1252.0	145	3.690	81	0.28188	492
7100	0.04910	126	0.33416	140	0.25680	333	1237.5	141	3.771	82	0.28680	493
7200	0.05036	129	0.33556	139	0.26013	327	1223.4	137	3.853	83	0.29173	494
7300	0.05165	131	0.33695	139	0.26340	321	1209.7	133	3.936	84	0.29667	496
7400	0.05296	134	0.33834	139	0.26661	316	1196.4	129	4.020	84	0.30163	496
7500	0.05430	136	0.33973	138	0.26977	310	1183.5	125	4.104	85	0.30659	497
7600	0.05566	138	0.34111	138	0.27287	305	1171.0	120	4.189	86	0.31156	499
7700	0.05704	141	0.34249	137	0.27592	299	1159.0	115	4.275	87	0.31655	500
7800	0.05845	143	0.34386	136	0.27891	293	1147.5	110	4.362	88	0.32155	500
7900	0.05988	146	0.34522	136	0.28184	286	1136.5	105	4.450	88	0.32655	502
8000	0.06134	150	0.34658	136	0.28470	276	1126.0	100	4.538	89	0.33157	503
8100	0.06284	152	0.34794	136	0.28746	264	1116.0	97	4.627	90	0.33660	503
8200	0.06436	154	0.34930	135	0.29010	252	1106.3	94	4.717	91	0.34163	503
8300	0.06590	157	0.35065	133	0.29262	240	1096.9	91	4.808	91	0.34666	502
8400	0.06747	159	0.35198	132	0.29502	228	1087.8	87	4.899	92	0.35168	501
8500	0.06906	162	0.35330	131	0.29730	217	1079.1	84	4.991	94	0.35669	501
8600	0.07068	165	0.35461	130	0.29947	207	1070.7	81	5.085	95	0.36170	501
8700	0.07233	168	0.35591	128	0.30154	199	1062.6	78	5.180	95	0.36671	500
8800	0.07401	171	0.35719	127	0.30353	192	1054.8	75	5.275	96	0.37171	500
8900	0.07572	173	0.35846	125	0.30545	185	1047.3	73	5.371	96	0.37671	499
9000	0.07745	176	0.35971	122	0.30730	178	1040.0	72	5.467	96	0.38170	496
9100	0.07921	179	0.36093	120	0.30908	170	1032.8	71	5.563	97	0.38666	494
9200	0.08100	181	0.36213	118	0.31078	162	1025.7	69	5.660	98	0.39160	493
9300	0.08281	184	0.36331	116	0.31240	154	1018.8	67	5.758	98	0.39653	491
9400	0.08465	187	0.36447	114	0.31394	146	1012.1	66	5.856	99	0.40144	488
9500	0.08652	190	0.36561	112	0.31540	140	1005.5	64	5.955	99	0.40632	486
9600	0.08842	193	0.36673	110	0.31680	134	999.1	63	6.054	100	0.41118	485
9700	0.09035	195	0.36783	108	0.31814	128	992.8	61	6.154	101	0.41603	483
9800	0.09230	198	0.36891	106	0.31942	122	986.7	59	6.255	101	0.42086	481
9900	0.09428	200	0.36997	105	0.32064	116	980.8	58	6.356	102	0.42567	479
10000	0.09628	203	0.37102	102	0.32180	109	975.0	58	6.458	103	0.43046	476

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TABLE II. $V=3{,}000$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.09628	203	0.37102	102	0.32180	109	975.0	58	6.458	103	0.43046	476
10100	0.09831	206	0.37204	99	0.32289	102	969.2	57	6.561	103	0.43522	473
10200	0.10037	209	0.37303	97	0.32391	96	963.5	56	6.664	104	0.43995	470
10300	0.10246	212	0.37400	95	0.32487	92	957.9	56	6.768	105	0.44465	467
10400	0.10458	214	0.37495	93	0.32579	88	952.3	54	6.873	105	0.44932	465
10500	0.10672	217	0.37588	91	0.32667	84	946.9	53	6.978	106	0.45397	462
10600	0.10889	220	0.37679	89	0.32751	80	941.6	53	7.084	107	0.45859	460
10700	0.11109	222	0.37768	87	0.32831	74	936.3	52	7.191	107	0.46319	457
10800	0.11331	225	0.37855	85	0.32905	70	931.1	51	7.298	108	0.46776	454
10900	0.11556	228	0.37940	83	0.32975	65	926.0	50	7.406	108	0.47230	452
11000	0.11784	231	0.38023	81	0.33040	63	921.0	50	7.514	109	0.47682	449
11100	0.12015	233	0.38104	78	0.33103	60	916.0	49	7.623	110	0.48131	446
11200	0.12248	236	0.38182	76	0.33163	58	911.1	49	7.733	110	0.48577	443
11300	0.12484	239	0.38258	75	0.33221	56	906.2	48	7.843	111	0.49020	440
11400	0.12723	242	0.38333	73	0.33277	53	901.4	48	7.954	111	0.49460	437
11500	0.12965	244	0.38406	71	0.33330	51	896.6	47	8.065	112	0.49897	435
11600	0.13209	247	0.38477	68	0.33381	48	891.9	46	8.177	112	0.50332	432
11700	0.13456	250	0.38545	67	0.33429	46	887.3	46	8.289	113	0.50764	429
11800	0.13706	252	0.38612	65	0.33475	44	882.7	46	8.402	114	0.51193	426
11900	0.13958	255	0.38677	63	0.33519	41	878.1	45	8.516	114	0.51619	424
12000	0.14213	258	0.38740	60	0.33560	40	873.6	45	8.630	115	0.52043	421
12100	0.14471	261	0.38800	59	0.33600	40	869.1	45	8.745	115	0.52464	418
12200	0.14732	264	0.38859	57	0.33640	39	864.6	45	8.860	116	0.52882	415
12300	0.14996	266	0.38916	56	0.33679	38	860.1	44	8.976	116	0.53297	413
12400	0.15262	269	0.38972	54	0.33717	37	855.7	44	9.092	117	0.53710	410
12500	0.15531	272	0.39026	52	0.33754	37	851.3	43	9.209	118	0.54120	407
12600	0.15803	274	0.39078	50	0.33791	36	847.0	42	9.327	118	0.54527	405
12700	0.16077	277	0.39128	48	0.33827	35	842.8	42	9.445	119	0.54932	402
12800	0.16354	280	0.39176	47	0.33862	34	838.6	42	9.564	120	0.55334	399
12900	0.16634	283	0.39223	46	0.33896	34	834.4	42	9.684	120	0.55733	397
13000	0.16917	286	0.39269	44	0.33930	33	830.2	41	9.804	121	0.56130	394
13100	0.17203	288	0.39313	43	0.33963	32	826.1	40	9.925	121	0.56524	392
13200	0.17491	291	0.39356	42	0.33995	31	822.1	40	10.046	122	0.56916	389
13300	0.17782	294	0.39398	41	0.34026	31	818.1	40	10.168	123	0.57305	387
13400	0.18076	297	0.39439	39	0.34057	30	814.1	39	10.291	123	0.57692	384
13500	0.18373	300	0.39478	38	0.34087	30	810.2	39	10.414	124	0.58076	382
13600	0.18673	303	0.39516	37	0.34117	29	806.3	39	10.538	124	0.58458	380
13700	0.18976	305	0.39553	36	0.34146	29	802.4	38	10.662	125	0.58838	378
13800	0.19281	308	0.39589	35	0.34175	28	798.6	38	10.787	125	0.59216	375
13900	0.19589	311	0.39624	33	0.34203	27	794.8	38	10.912	126	0.59591	373
14000	0.19900	314	0.39657	32	0.34230	26	791.0	37	11.038	127	0.59964	371
14100	0.20214	317	0.39689	32	0.34256	26	787.3	37	11.165	127	0.60335	369
14200	0.20531	320	0.39721	31	0.34282	25	783.6	37	11.292	128	0.60704	367
14300	0.20851	323	0.39752	31	0.34307	25	779.9	36	11.420	128	0.61071	365
14400	0.21174	325	0.39783	29	0.34332	25	776.3	36	11.548	129	0.61436	362
14500	0.21499	329	0.39812	28	0.34357	25	772.7	36	11.677	130	0.61798	361
14600	0.21828	332	0.39840	27	0.34382	25	769.1	36	11.807	130	0.62159	358
14700	0.22160	334	0.39867	27	0.34407	25	765.5	35	11.937	131	0.62517	356
14800	0.22494	338	0.39894	26	0.34432	24	762.0	35	12.068	131	0.62873	354
14900	0.22832	340	0.39920	25	0.34456	24	758.5	35	12.199	132	0.63227	352
15000	0.23172	343	0.39945	24	0.34480	25	755.0	35	12.331	133	0.63579	350

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TABLE II. $V=3{,}000$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.23172	343	0.39945	24	0.34480	25	755.0	35	12.331	133	0.63579	350
15100	0.23515	347	0.39969	24	0.34505	25	751.5	35	12.464	133	0.63929	348
15200	0.23862	349	0.39993	24	0.34530	25	748.0	34	12.597	134	0.64277	346
15300	0.24211	352	0.40017	23	0.34555	26	744.6	34	12.731	135	0.64623	344
15400	0.24563	355	0.40040	22	0.34581	26	741.2	34	12.866	135	0.64967	343
15500	0.24918	359	0.40062	21	0.34607	26	737.8	34	13.001	136	0.65310	341
15600	0.25277	361	0.40083	21	0.34633	26	734.4	34	13.137	136	0.65651	339
15700	0.25638	364	0.40104	20	0.34659	27	731.0	34	13.273	137	0.65990	337
15800	0.26002	367	0.40124	20	0.34686	27	727.6	33	13.410	138	0.66327	335
15900	0.26369	370	0.40144	19	0.34713	27	724.3	33	13.548	139	0.66682	333
16000	0.26739	373	0.40163	18	0.34740	28	721.0	34	13.687	139	0.66995	332
16100	0.27112	377	0.40181	18	0.34768	29	717.6	34	13.826	140	0.67327	330
16200	0.27489	380	0.40199	18	0.34797	30	714.2	33	13.966	140	0.67657	328
16300	0.27869	383	0.40217	17	0.34827	30	710.9	33	14.106	141	0.67985	327
16400	0.28252	386	0.40234	17	0.34857	30	707.6	33	14.247	142	0.68312	325
16500	0.28638	389	0.40251	17	0.34887	31	704.3	33	14.389	142	0.68637	324
16600	0.29027	392	0.40268	16	0.34918	31	701.0	33	14.531	143	0.68961	322
16700	0.29419	395	0.40284	16	0.34949	31	697.7	33	14.674	144	0.69283	321
16800	0.29814	399	0.40300	15	0.34980	32	694.4	33	14.818	144	0.69604	319
16900	0.30213	402	0.40315	15	0.35012	33	691.1	32	14.962	145	0.69923	317
17000	0.30615	405	0.40330	15	0.35045	33	687.9	32	15.107	146	0.70240	316
17100	0.31020	409	0.40345	15	0.35078	33	684.7	32	15.253	146	0.70556	315
17200	0.31429	412	0.40360	15	0.35111	34	681.5	32	15.399	147	0.70871	314
17300	0.31841	415	0.40375	15	0.35145	34	678.3	32	15.546	148	0.71185	313
17400	0.32256	418	0.40390	15	0.35179	35	675.1	31	15.694	148	0.71498	311
17500	0.32674	422	0.40405	14	0.35214	35	672.0	31	15.842	149	0.71809	310
17600	0.33096	425	0.40419	14	0.35249	36	668.9	31	15.991	150	0.72119	308
17700	0.33521	429	0.40433	14	0.35285	36	665.8	31	16.141	151	0.72427	307
17800	0.33950	432	0.40447	14	0.35321	37	662.7	31	16.292	151	0.72734	306
17900	0.34382	435	0.40461	14	0.35358	37	659.6	31	16.443	152	0.73040	304
18000	0.34817	438	0.40475	14	0.35395	38	656.5	31	16.595	153	0.73344	303
18100	0.35255	442	0.40489	14	0.35433	39	653.4	30	16.748	153	0.73647	302
18200	0.35697	446	0.40503	14	0.35472	39	650.4	30	16.901	154	0.73949	301
18300	0.36143	449	0.40517	14	0.35511	40	647.4	31	17.055	155	0.74250	300
18400	0.36592	452	0.40531	13	0.35551	40	644.3	30	17.210	156	0.72550	298
18500	0.37044	456	0.40544	13	0.35591	41	641.3	30	17.366	156	0.74848	297
18600	0.37500	460	0.40557	14	0.35632	41	638.3	29	17.522	157	0.75145	297
18700	0.37960	464	0.40571	13	0.35673	42	635.4	30	17.679	158	0.75442	295
18800	0.38424	467	0.40584	14	0.35715	42	632.4	30	17.837	158	0.75737	294
18900	0.38891	470	0.40598	13	0.35757	43	629.4	29	17.995	159	0.76031	293
19000	0.39361	474	0.40611	13	0.35800	44	626.5	29	18.154	160	0.76324	292
19100	0.39835	478	0.40624	13	0.35844	44	623.6	29	18.314	161	0.76616	291
19200	0.40313	481	0.40637	13	0.35888	44	620.7	29	18.475	161	0.76907	290
19300	0.40794	485	0.40650	13	0.35932	45	617.8	29	18.636	163	0.77197	290
19400	0.41279	489	0.40663	13	0.35977	46	614.9	29	18.799	163	0.77487	288
19500	0.41768	493	0.40676	13	0.36023	46	612.0	29	18.962	164	0.77775	287
19600	0.42261	497	0.40689	13	0.36069	46	609.1	29	19.126	164	0.78062	287
19700	0.42758	501	0.40702	13	0.36115	47	606.2	28	19.290	165	0.78349	285
19800	0.43259	504	0.40715	13	0.36162	48	603.4	28	19.455	166	0.78634	284
19900	0.43763	509	0.40728	13	0.36210	48	600.6	28	19.621	167	0.78918	284
20000	0.44272	513	0.40741	13	0.36258	48	597.8	28	19.788	168	0.79202	283

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TABLE II. $V=3{,}100$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T''	Δ	$\log Q$	Δ
0	0.00000	34	0.25000	95	0.00000	316	3100.0	337	0.000	32	0.00000	353
100	0.00034	35	0.25095	94	0.00316	318	3066.3	335	0.032	33	0.00353	351
200	0.00069	35	0.25189	95	0.00634	319	3032.8	333	0.065	33	0.00704	347
300	0.00104	35	0.25284	94	0.00953	321	2999.5	331	0.098	34	0.01051	345
400	0.00139	35	0.25378	95	0.01274	323	2966.4	329	0.132	34	0.01396	343
500	0.00174	36	0.25473	95	0.01597	325	2933.5	327	0.166	34	0.01739	340
600	0.00210	37	0.25568	94	0.01922	327	2900.8	325	0.200	35	0.02079	337
700	0.00247	38	0.25662	95	0.02249	329	2868.3	323	0.235	35	0.02416	334
800	0.00285	38	0.25757	94	0.02578	330	2836.0	321	0.270	35	0.02750	332
900	0.00323	39	0.25851	95	0.02908	332	2803.9	319	0.305	36	0.03082	329
1000	0.00362	39	0.25946	94	0.03240	334	2772.0	317	0.341	36	0.03411	329
1100	0.00401	39	0.26040	95	0.03574	336	2740.3	315	0.377	37	0.03740	332
1200	0.00440	40	0.26135	97	0.03910	337	2708.8	313	0.414	37	0.04072	334
1300	0.00480	41	0.26232	97	0.04247	339	2677.5	311	0.451	38	0.04406	338
1400	0.00521	42	0.26329	99	0.04586	340	2646.4	309	0.489	38	0.04744	340
1500	0.00563	43	0.26428	100	0.04926	342	2615.5	307	0.527	38	0.05084	342
1600	0.00606	43	0.26528	101	0.05268	343	2584.8	305	0.565	39	0.05426	345
1700	0.00649	44	0.26629	103	0.05611	345	2554.3	303	0.604	40	0.05771	348
1800	0.00693	44	0.26732	104	0.05956	346	2524.0	301	0.644	40	0.06119	350
1900	0.00737	45	0.26836	105	0.06302	348	2493.9	299	0.684	40	0.06469	353
2000	0.00782	46	0.26941	106	0.06650	348	2464.0	296	0.724	41	0.06822	356
2100	0.00828	47	0.27047	107	0.06998	350	2434.4	293	0.765	41	0.07178	358
2200	0.00875	47	0.27154	108	0.07348	351	2405.1	290	0.806	42	0.07536	360
2300	0.00922	48	0.27262	109	0.07699	352	2376.1	288	0.848	42	0.07896	363
2400	0.00970	49	0.27371	110	0.08051	353	2347.3	284	0.890	43	0.08259	365
2500	0.01019	50	0.27481	111	0.08404	354	2318.9	282	0.933	43	0.08624	367
2600	0.01069	50	0.27592	111	0.08758	355	2290.7	278	0.976	44	0.08991	369
2700	0.01119	52	0.27703	113	0.09113	357	2262.9	276	1.020	45	0.09360	371
2800	0.01171	53	0.27816	113	0.09470	359	2235.3	273	1.065	45	0.09731	374
2900	0.01224	54	0.27929	114	0.09829	359	2208.0	270	1.110	45	0.10105	376
3000	0.01278	54	0.28043	114	0.10188	361	2181.0	268	1.155	46	0.10481	379
3100	0.01332	55	0.28157	115	0.10549	361	2154.2	266	1.201	47	0.10860	382
3200	0.01387	57	0.28272	116	0.10910	363	2127.6	264	1.248	47	0.11242	385
3300	0.01444	57	0.28388	117	0.11273	364	2101.2	262	1.295	48	0.11627	388
3400	0.01501	58	0.28505	117	0.11637	366	2075.0	260	1.343	49	0.12015	391
3500	0.01559	59	0.28622	118	0.12003	367	2049.0	258	1.392	49	0.12406	393
3600	0.01618	60	0.28740	119	0.12370	368	2023.2	256	1.441	50	0.12799	396
3700	0.01678	62	0.28859	119	0.12738	369	1997.6	254	1.491	50	0.13195	400
3800	0.01740	62	0.28978	120	0.13107	370	1972.2	252	1.541	51	0.13595	402
3900	0.01802	63	0.29098	121	0.13477	371	1947.0	250	1.592	52	0.13997	405
4000	0.01865	64	0.29219	121	0.13848	372	1922.0	248	1.644	52	0.14402	408
4100	0.01929	66	0.29340	121	0.14220	373	1897.2	245	1.696	53	0.14810	411
4200	0.01995	67	0.29461	122	0.14593	375	1872.7	243	1.749	54	0.15221	413
4300	0.02062	68	0.29583	123	0.14968	375	1848.4	239	1.803	55	0.15634	417
4400	0.02130	69	0.29706	123	0.15343	377	1824.5	236	1.858	55	0.16051	419
4500	0.02199	71	0.29829	124	0.15720	379	1800.9	234	1.913	56	0.16470	421
4600	0.02270	72	0.29953	125	0.16099	381	1777.5	231	1.969	57	0.16891	424
4700	0.02342	74	0.30078	125	0.16480	383	1754.4	228	2.026	57	0.17315	427
4800	0.02416	75	0.30203	126	0.16863	383	1731.6	225	2.083	58	0.17742	429
4900	0.02491	77	0.30329	127	0.17246	384	1709.1	222	2.141	59	0.18171	432
5000	0.02568	77	0.30456	127	0.17630	384	1686.9	219	2.200	60	0.18603	434

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TABLE II. *V=3,100 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.02568	77	0.30456	127	0.17630	384	1686.9	219	2.200	60	0.18603	434
5100	0.02645	79	0.30583	128	0.18014	383	1665.0	217	2.260	60	0.19037	437
5200	0.02724	81	0.30711	129	0.18397	382	1643.3	214	2.320	61	0.19474	439
5300	0.02805	83	0.30840	130	0.18779	381	1621.9	212	2.381	62	0.19913	443
5400	0.02888	84	0.30970	131	0.19160	379	1600.7	210	2.443	63	0.20356	446
5500	0.02972	86	0.31101	132	0.19539	377	1579.7	208	2.506	64	0.20802	449
5600	0.03058	87	0.31233	132	0.19916	375	1558.9	206	2.570	65	0.21251	452
5700	0.03145	89	0.31365	134	0.20291	374	1538.3	203	2.635	66	0.21703	455
5800	0.03234	90	0.31499	134	0.20665	373	1518.0	201	2.701	66	0.22158	458
5900	0.03324	92	0.31633	135	0.21038	372	1497.9	199	2.767	67	0.22616	461
6000	0.03416	94	0.31768	136	0.21410	373	1478.0	196	2.834	68	0.23077	463
6100	0.03510	96	0.31904	137	0.21783	373	1458.4	192	2.902	69	0.23540	465
6200	0.03606	98	0.32041	138	0.22156	373	1439.2	189	2.971	70	0.24005	468
6300	0.03704	100	0.32179	138	0.22529	373	1420.3	186	3.041	71	0.24473	470
6400	0.03804	102	0.32317	139	0.22902	373	1401.7	182	3.112	72	0.24943	473
6500	0.03906	104	0.32456	140	0.23275	373	1383.5	178	3.184	73	0.25416	475
6600	0.04010	106	0.32596	142	0.23648	373	1365.7	174	3.257	74	0.25891	478
6700	0.04116	107	0.32738	142	0.24021	373	1348.3	171	3.331	75	0.26369	480
6800	0.04223	110	0.32880	143	0.24394	373	1331.2	168	3.406	75	0.26849	483
6900	0.04333	112	0.33023	144	0.24767	373	1314.4	164	3.481	76	0.27332	485
7000	0.04445	114	0.33167	144	0.25140	370	1298.0	161	3.557	78	0.27817	487
7100	0.04559	116	0.33311	143	0.25510	365	1281.9	157	3.635	78	0.28304	488
7200	0.04675	119	0.33454	143	0.25875	357	1266.2	153	3.713	80	0.28792	491
7300	0.04794	122	0.33597	143	0.26232	350	1250.9	149	3.793	80	0.29283	493
7400	0.04916	124	0.33740	142	0.26582	343	1236.0	145	3.873	82	0.29776	495
7500	0.05040	126	0.33882	142	0.26925	337	1221.5	139	3.955	82	0.30271	498
7600	0.05166	128	0.34024	142	0.27262	330	1207.6	132	4.037	83	0.30769	499
7700	0.05294	131	0.34166	141	0.27592	323	1194.4	125	4.120	84	0.31268	502
7800	0.05425	134	0.34307	142	0.27915	316	1181.9	118	4.204	85	0.31770	504
7900	0.05559	136	0.34449	141	0.28231	309	1170.1	111	4.289	86	0.32274	506
8000	0.05695	139	0.34590	140	0.28540	302	1159.0	106	4.375	87	0.32780	506
8100	0.05834	141	0.34730	139	0.28842	292	1148.4	103	4.462	88	0.33286	507
8200	0.05975	144	0.34869	138	0.29134	282	1138.1	101	4.550	88	0.33793	506
8300	0.06119	146	0.35007	136	0.29416	272	1128.0	100	4.638	89	0.34299	506
8400	0.06265	149	0.35143	136	0.29688	261	1118.0	98	4.727	89	0.34805	507
8500	0.06414	152	0.35279	135	0.29949	251	1108.2	95	4.816	91	0.35312	506
8600	0.06566	154	0.35414	134	0.30200	240	1098.7	93	4.907	92	0.35818	506
8700	0.06720	157	0.35548	132	0.30440	230	1089.4	91	4.999	92	0.36324	506
8800	0.06877	160	0.35680	131	0.30670	220	1080.3	88	5.091	93	0.36830	507
8900	0.07037	162	0.35811	131	0.30890	210	1071.5	85	5.184	94	0.37337	506
9000	0.07199	165	0.35942	130	0.31100	201	1063.0	82	5.278	94	0.37843	506
9100	0.07364	168	0.36072	128	0.31301	193	1054.8	80	5.372	95	0.38349	505
9200	0.07532	170	0.36200	126	0.31494	186	1046.8	77	5.467	95	0.38854	502
9300	0.07702	173	0.36326	124	0.31680	179	1039.1	75	5.562	96	0.39356	501
9400	0.07875	176	0.36450	123	0.31859	172	1031.6	72	5.658	97	0.39857	499
9500	0.08051	179	0.36573	120	0.32031	165	1024.4	70	5.755	98	0.40356	497
9600	0.08230	181	0.36693	118	0.32196	157	1017.4	67	5.853	99	0.40853	496
9700	0.08411	184	0.36811	116	0.32353	148	1010.7	65	5.952	100	0.41349	493
9800	0.08595	186	0.36927	114	0.32501	139	1004.2	62	6.052	100	0.41842	492
9900	0.08781	190	0.37041	112	0.32640	130	998.0	60	6.152	101	0.42334	490
10000	0.08971	192	0.37153	110	0.32770	122	992.0	59	6.253	101	0.42824	488

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TABLE II. *V=8,100 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.08971	192	0.37153	110	0.32770	122	992.0	59	6.253	101	0.42824	488
10100	0.09163	195	0.37263	109	0.32892	117	986.1	58	6.354	102	0.43312	486
10200	0.09358	198	0.37372	106	0.33009	112	980.3	57	6.456	102	0.43798	484
10300	0.09556	200	0.37478	104	0.33121	107	974.6	56	6.558	103	0.44282	481
10400	0.09756	203	0.37582	102	0.33228	102	969.0	56	6.661	104	0.44763	479
10500	0.09959	206	0.37684	99	0.33330	96	963.4	55	6.765	104	0.45242	476
10600	0.10165	209	0.37783	98	0.33426	91	957.9	53	6.869	105	0.45718	474
10700	0.10374	211	0.37881	96	0.33517	86	952.6	53	6.974	105	0.46192	471
10800	0.10585	213	0.37977	94	0.33602	82	947.3	52	7.079	106	0.46663	469
10900	0.10798	217	0.38071	91	0.33684	76	942.1	51	7.185	106	0.47132	467
11000	0.11015	219	0.38162	89	0.33760	71	937.0	51	7.291	107	0.47599	464
11100	0.11234	222	0.38251	87	0.33831	67	931.9	51	7.398	108	0.48063	462
11200	0.11456	225	0.38338	85	0.33898	65	926.8	51	7.506	108	0.48525	458
11300	0.11681	227	0.38423	83	0.33963	63	921.7	51	7.614	109	0.48983	455
11400	0.11908	230	0.38506	80	0.34026	61	916.6	50	7.723	109	0.49438	452
11500	0.12138	233	0.38586	78	0.34087	58	911.6	49	7.832	110	0.49890	448
11600	0.12371	236	0.38664	76	0.34145	55	906.7	48	7.942	111	0.50338	446
11700	0.12607	238	0.38740	74	0.34200	52	901.9	48	8.053	111	0.50784	442
11800	0.12845	240	0.38814	72	0.34252	50	897.1	48	8.164	112	0.51226	440
11900	0.13085	244	0.38886	70	0.34302	48	892.3	47	8.276	112	0.51666	436
12000	0.13329	246	0.38956	67	0.34350	46	887.6	47	8.388	113	0.52102	433
12100	0.13575	249	0.39023	66	0.34396	44	882.9	46	8.501	114	0.52535	430
12200	0.13824	252	0.39089	63	0.34440	42	878.3	46	8.615	114	0.52965	428
12300	0.14076	254	0.39152	62	0.34482	40	873.7	46	8.729	115	0.53393	427
12400	0.14330	257	0.39214	61	0.34522	39	869.1	45	8.844	115	0.53820	424
12500	0.14587	260	0.39275	58	0.34561	39	864.6	44	8.959	116	0.54244	421
12600	0.14847	263	0.39333	56	0.34600	38	860.2	44	9.075	117	0.54665	419
12700	0.15110	266	0.39389	55	0.34638	36	855.8	43	9.192	117	0.55084	417
12800	0.15376	268	0.39444	53	0.34674	34	851.5	43	9.309	118	0.55501	415
12900	0.15644	272	0.39497	51	0.34708	32	847.2	42	9.427	118	0.55916	413
13000	0.15916	274	0.39548	50	0.34740	30	843.0	42	9.545	119	0.56329	410
13100	0.16190	277	0.39598	48	0.34770	29	838.8	42	9.664	120	0.56739	407
13200	0.16467	280	0.39646	47	0.34799	28	834.6	41	9.784	120	0.57146	404
13300	0.16747	283	0.39693	45	0.34827	28	830.5	41	9.904	121	0.57550	401
13400	0.17030	285	0.39738	44	0.34855	28	826.4	40	10.025	121	0.57951	398
13500	0.17315	288	0.39782	43	0.34883	28	822.4	40	10.146	122	0.58349	395
13600	0.17603	291	0.39825	42	0.34911	28	818.4	39	10.268	123	0.58744	392
13700	0.17894	293	0.39867	40	0.34949	28	814.5	39	10.391	123	0.59136	389
13800	0.18187	295	0.39907	39	0.34967	27	810.6	38	10.514	124	0.59525	387
13900	0.18482	298	0.39946	38	0.34994	26	806.8	38	10.638	124	0.59912	385
14000	0.18780	303	0.39983	36	0.35020	26	803.0	38	10.762	125	0.60297	384
14100	0.19083	305	0.40019	35	0.35046	25	799.2	38	10.887	125	0.60681	381
14200	0.19388	308	0.40054	34	0.35071	24	795.4	38	11.012	126	0.61062	379
14300	0.19696	310	0.40088	33	0.35095	24	791.6	38	11.138	127	0.61441	377
14400	0.20006	313	0.40121	33	0.35119	24	787.8	37	11.265	127	0.61818	375
14500	0.20319	316	0.40154	31	0.35143	24	784.1	37	11.392	128	0.62193	372
14600	0.20635	319	0.40185	30	0.35167	24	780.4	36	11.520	128	0.62565	371
14700	0.20954	322	0.40215	29	0.35191	24	776.8	36	11.648	129	0.62936	368
14800	0.21276	325	0.40244	28	0.35215	23	773.2	36	11.777	130	0.63304	365
14900	0.21601	328	0.40272	27	0.35238	22	769.6	36	11.907	130	0.63669	364
15000	0.21929	330	0.40299	27	0.35260	23	766.0	36	12.037	131	0.64033	362

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TABLE II. $V=3{,}100$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.21929	330	0.40299	27	0.35260	23	766.0	36	12.037	131	0.64033	362
15100	0.22259	333	0.40326	26	0.35283	22	762.4	36	12.168	131	0.64395	359
15200	0.22592	337	0.40352	26	0.35305	23	758.8	36	12.299	132	0.64754	358
15300	0.22929	339	0.40378	25	0.35328	23	755.2	35	12.431	133	0.65112	355
15400	0.23268	343	0.40403	24	0.35351	23	751.7	35	12.564	133	0.65467	354
15500	0.23611	345	0.40427	23	0.35374	23	748.2	35	12.697	134	0.65821	351
15600	0.23956	349	0.40450	23	0.35397	23	744.7	35	12.831	135	0.66172	350
15700	0.24305	352	0.40473	22	0.35420	23	741.2	34	12.966	135	0.66522	347
15800	0.24657	354	0.40495	21	0.35443	23	737.8	34	13.101	136	0.66869	346
15900	0.25011	358	0.40516	21	0.35466	24	734.4	34	13.237	137	0.67215	343
16000	0.25369	360	0.40537	20	0.35490	25	731.0	34	13.374	137	0.67558	342
16100	0.25729	364	0.40557	20	0.35515	25	727.6	34	13.511	138	0.67900	341
16200	0.26093	367	0.40577	19	0.35540	25	724.2	34	13.649	138	0.68241	339
16300	0.26460	369	0.40596	18	0.35565	26	720.8	34	13.787	139	0.68580	337
16400	0.26829	373	0.40614	18	0.35591	26	717.4	33	13.926	140	0.68917	335
16500	0.27202	376	0.40632	18	0.35617	27	714.1	33	14.066	140	0.69252	334
16600	0.27578	379	0.40650	17	0.35644	27	710.8	33	14.206	141	0.69586	332
16700	0.27957	382	0.40667	16	0.35671	27	707.5	33	14.347	142	0.69918	330
16800	0.28339	386	0.40683	16	0.35698	28	704.2	33	14.489	143	0.70248	329
16900	0.28725	388	0.40699	16	0.35726	28	700.9	33	14.632	143	0.70577	327
17000	0.29113	392	0.40715	15	0.35754	29	697.6	33	14.775	144	0.70904	326
17100	0.29505	394	0.40730	15	0.35783	29	694.3	32	14.919	144	0.71230	324
17200	0.29899	398	0.40745	15	0.35812	30	691.1	32	15.063	145	0.71554	323
17300	0.30297	402	0.40760	15	0.35842	30	687.9	32	15.208	146	0.71877	321
17400	0.30699	405	0.40775	14	0.35872	31	684.7	32	15.354	146	0.72198	320
17500	0.31104	407	0.40789	14	0.35903	31	681.5	32	15.500	147	0.72518	318
17600	0.31511	412	0.40803	14	0.35934	31	678.3	32	15.647	148	0.72836	317
17700	0.31923	414	0.40817	14	0.35965	32	675.1	32	15.795	148	0.73153	315
17800	0.32337	418	0.40831	14	0.35997	33	671.9	31	15.943	149	0.73468	314
17900	0.32755	421	0.40845	13	0.36030	33	668.8	31	16.092	150	0.73782	313
18000	0.33176	425	0.40858	13	0.36063	34	665.7	31	16.242	151	0.74095	312
18100	0.33601	428	0.40871	14	0.36097	34	662.6	31	16.393	151	0.74407	310
18200	0.34029	431	0 40885	13	0.36131	35	659.5	31	16.544	152	0.74717	309
18300	0.34460	435	0.40898	13	0.36166	35	656.4	31	16.696	153	0.75026	308
18400	0.34895	439	0.40911	13	0.36201	36	653.3	30	16.849	153	0.75334	307
18500	0.35334	441	0.40924	13	0.36237	36	650.3	30	17.002	154	0.75641	306
18600	0.35775	445	0.40937	13	0.36273	37	647.3	30	17.156	155	0.75947	304
18700	0.36220	449	0.40950	13	0.36310	38	644.3	30	17.311	156	0.76251	303
18800	0.36669	452	0 40963	12	0.36348	38	641.3	30	17.467	156	0.76554	302
18900	0.37121	456	0.40975	12	0.36386	38	638.3	30	17.623	157	0.76856	301
19000	0.37577	459	0.40987	12	0.36424	39	635.3	30	17.780	158	0.77157	300
19100	0.38036	463	0.40999	12	0.36463	40	632.3	30	17.938	158	0.77457	298
19200	0.38499	467	0.41011	13	0.36503	40	629.3	29	18.096	160	0.77755	298
19300	0.38966	470	0.41024	12	0.36543	41	626.4	29	18.256	160	0.78053	296
19400	0.39436	474	0.41036	12	0.36584	41	623.5	29	18.416	161	0.78349	296
19500	0.39910	477	0.41048	12	0.36625	42	620.6	29	18.577	161	0.78645	294
19600	0.40387	482	0.41060	12	0.36667	43	617.7	29	18.738	162	0.78939	293
19700	0.40869	484	0.41072	13	0.36710	43	614.8	29	18.900	163	0.79232	292
19800	0.41353	489	0.41085	12	0.36753	43	611.9	29	19.063	164	0.79524	292
19900	0.41842	492	0.41097	12	0.36796	44	609.0	28	19.227	164	0.79816	290
20000	0.42334	495	0.41109	12	0.36840	44	606.2	28	19.391	165	0.80106	289

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TABLE II. $V=3,200$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	31	0.25000	85	0.00000	311	3200.0	344	0.000	32	0.00000	308
100	0.00031	32	0.25085	85	0.00311	313	3165.6	342	0.032	32	0.00308	311
200	0.00063	33	0.25170	87	0.00624	315	3131.4	340	0.064	32	0.00619	313
300	0.00096	33	0.25257	88	0.00939	317	3097.4	337	0.096	32	0.00932	316
400	0.00129	34	0.25346	89	0.01256	318	3063.7	335	0.128	33	0.01248	318
500	0.00163	34	0.25435	91	0.01574	320	3030.2	333	0.161	33	0.01566	320
600	0.00197	34	0.25526	91	0.01894	321	2996.9	331	0.194	34	0.01886	322
700	0.00231	35	0.25617	93	0.02215	323	2963.8	328	0.228	34	0.02208	325
800	0.00266	36	0.25710	95	0.02538	325	2931.0	326	0.262	34	0.02533	327
900	0.00302	36	0.25805	95	0.02863	327	2898.4	324	0.296	35	0.02860	330
1000	0.00338	37	0.25900	96	0.03190	329	2866.0	323	0.331	35	0.03190	332
1100	0.00375	37	0.25996	98	0.03519	331	2833.7	321	0.366	35	0.03522	334
1200	0.00412	38	0.26094	99	0.03850	332	2801.6	319	0.401	36	0.03856	337
1300	0.00450	38	0.26193	100	0.04182	333	2769.7	316	0.437	36	0.04193	339
1400	0.00488	39	0.26293	102	0.04515	335	2738.1	314	0.473	37	0.04532	341
1500	0.00527	40	0.26395	104	0.04850	337	2706.7	312	0.510	37	0.04873	344
1600	0.00567	40	0.26499	105	0.05187	339	2675.5	310	0.547	38	0.05217	346
1700	0.00607	41	0.26604	106	0.05526	340	2644.5	307	0.585	38	0.05563	349
1800	0.00648	42	0.26710	107	0.05866	341	2613.8	305	0.623	38	0.05912	351
1900	0.00690	42	0.26817	108	0.06207	343	2583.3	303	0.661	39	0.06263	353
2000	0.00732	43	0.26925	108	0.06550	344	2553.0	301	0.700	39	0.06616	356
2100	0.00775	44	0.27033	108	0.06894	345	2522.9	299	0.739	40	0.06972	358
2200	0.00819	44	0.27141	108	0.07239	347	2493.0	297	0.779	40	0.07330	361
2300	0.00863	45	0.27249	108	0.07586	348	2463.3	295	0.819	41	0.07691	363
2400	0.00908	46	0.27357	108	0.07934	349	2433.8	292	0.860	41	0.08054	365
2500	0.00954	46	0.27465	109	0.08283	351	2404.6	290	0.901	42	0.08419	367
2600	0.01000	47	0.27574	109	0.08634	352	2375.6	287	0.943	43	0.08786	370
2700	0.01047	48	0.27683	109	0.08986	353	2346.9	285	0.986	43	0.09156	372
2800	0.01095	49	0.27792	109	0.09339	355	2318.4	283	1.029	43	0.09528	374
2900	0.01144	50	0.27901	109	0.09694	356	2290.1	281	1.072	44	0.09902	377
3000	0.01194	51	0.28010	111	0.10050	357	2262.0	278	1.116	45	0.10279	378
3100	0.01245	51	0.28121	113	0.10407	358	2234.2	276	1.161	45	0.10657	381
3200	0.01296	52	0.28234	115	0.10765	359	2206.6	273	1.206	46	0.11038	383
3300	0.01348	54	0.28349	116	0.11124	360	2179.3	271	1.252	46	0.11421	386
3400	0.01402	54	0.28465	116	0.11484	361	2152.2	268	1.298	47	0.11807	388
3500	0.01456	55	0.28581	117	0.11845	363	2125.4	266	1.345	47	0.12195	390
3600	0.01511	56	0.28698	117	0.12208	364	2098.8	263	1.392	48	0.12585	393
3700	0.01567	57	0.28815	118	0.12572	365	2072.5	261	1.440	48	0.12978	396
3800	0.01624	58	0.28933	118	0.12937	366	2046.4	258	1.488	49	0.13374	398
3900	0.01682	59	0.29051	118	0.13303	367	2020.6	256	1.537	50	0.13772	400
4000	0.01741	60	0.29169	118	0.13670	368	1995.0	253	1.587	50	0.14172	401
4100	0.01801	61	0.29287	118	0.14038	370	1969.7	251	1.637	51	0.14573	404
4200	0.01862	63	0.29405	119	0.14408	371	1944.6	248	1.688	52	0.14977	407
4300	0.01925	64	0.29524	119	0.14779	372	1919.8	246	1.740	52	0.15384	410
4400	0.01989	65	0.29643	119	0.15151	373	1895.2	243	1.792	53	0.15794	412
4500	0.02054	66	0.29762	120	0.15524	373	1870.9	241	1.845	54	0.16206	415
4600	0.02120	67	0.29882	121	0.15897	374	1846.8	238	1.899	55	0.16621	418
4700	0.02187	68	0.30003	121	0.16271	375	1823.0	236	1.954	55	0.17039	420
4800	0.02255	69	0.30124	122	0.16646	377	1799.4	233	2.009	56	0.17459	423
4900	0.02324	71	0.30246	124	0.17023	378	1776.1	231	2.065	57	0.17882	426
5000	0.02395	71	0.30370	127	0.17401	379	1753.0	229	2.122	58	0.18308	429

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TABLE II. $V=3{,}200\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.02395	71	0.30370	127	0.17401	379	1753.0	229	2.122	58	0.18308	429
5100	0.02466	73	0.30497	127	0.17780	380	1730.1	226	2.180	58	0.18737	431
5200	0.02539	75	0.30624	129	0.18160	381	1707.5	224	2.238	59	0.19168	434
5300	0.02614	76	0.30753	129	0.18541	381	1685.1	221	2.297	60	0.19602	437
5400	0.02690	78	0.30882	131	0.18922	381	1663.0	218	2.357	61	0.20039	439
5500	0.02768	80	0.31013	131	0.19303	381	1641.2	216	2.418	61	0.20478	442
5600	0.02848	81	0.31144	132	0.19684	381	1619.6	213	2.479	63	0.20920	445
5700	0.02929	83	0.31276	133	0.20065	381	1598.3	210	2.542	63	0.21365	448
5800	0.03012	84	0.31409	134	0.20446	382	1577.3	208	2.605	64	0.21813	450
5900	0.03096	86	0.31543	135	0.20828	382	1556.5	205	2.669	64	0.22263	453
6000	0.03182	89	0.31678	138	0.21210	382	1536.0	203	2.733	66	0.22716	456
6100	0.03271	90	0.31816	138	0.21592	382	1515.7	200	2.799	66	0.23172	459
6200	0.03361	92	0.31954	139	0.21974	380	1495.7	197	2.865	68	0.23631	461
6300	0.03453	93	0.32093	139	0.22354	379	1476.0	194	2.933	68	0.24092	464
6400	0.03546	95	0.32232	140	0.22733	378	1456.6	191	3.001	69	0.24556	467
6500	0.03641	96	0.32372	140	0.23111	376	1437.5	187	3.070	70	0.25023	469
6600	0.03737	98	0.32512	140	0.23487	375	1418.8	184	3.140	71	0.25492	472
6700	0.03835	99	0.32652	141	0.23862	374	1400.4	181	3.211	71	0.25964	475
6800	0.03934	100	0.32793	141	0.24236	374	1382.3	178	3.282	73	0.26439	477
6900	0.04034	102	0.32934	142	0.24610	375	1364.5	175	3.355	73	0.26916	480
7000	0.04136	103	0.33076	142	0.24985	376	1347.0	172	3.428	74	0.27396	485
7100	0.04239	106	0.33218	142	0.25361	374	1329.8	167	3.502	74	0.27881	488
7200	0.04345	109	0.33360	143	0.25735	370	1313.1	163	3.576	76	0.28369	489
7300	0.04454	111	0.33503	143	0.26105	365	1296.8	159	3.652	77	0.28858	491
7400	0.04565	114	0.33646	144	0.26470	360	1280.9	155	3.729	78	0.29349	494
7500	0.04679	116	0.33790	144	0.26830	356	1265.4	151	3.807	80	0.29843	495
7600	0.04795	119	0.33934	145	0.27186	351	1250.3	147	3.887	80	0.30338	497
7700	0.04914	122	0.34079	145	0.27537	345	1235.6	143	3.967	82	0.30835	499
7800	0.05036	125	0.34224	145	0.27882	338	1221.3	138	4.049	83	0.31334	502
7900	0.05161	127	0.34369	146	0.28220	331	1207.5	132	4.132	84	0.31836	505
8000	0.05288	129	0.34515	146	0.28551	322	1194.3	126	4.216	85	0.32341	509
8100	0.05417	132	0.34661	144	0.28873	312	1181.7	122	4.301	86	0.32850	511
8200	0.05549	134	0.34805	143	0.29185	302	1169.5	117	4.387	87	0.33361	512
8300	0.05683	137	0.34948	141	0.29487	293	1157.8	113	4.474	87	0.33873	513
8400	0.05820	139	0.35089	140	0.29780	284	1146.5	109	4.561	88	0.34386	513
8500	0.05959	142	0.35229	139	0.30064	276	1135.6	105	4.649	89	0.34899	514
8600	0.06101	145	0.35368	138	0.30340	267	1125.1	101	4.738	89	0.35413	515
8700	0.06246	147	0.35506	136	0.30607	259	1115.0	97	4.827	90	0.35928	515
8800	0.06393	150	0.35642	135	0.30866	250	1105.3	93	4.917	91	0.36443	516
8900	0.06543	152	0.35777	135	0.31116	241	1096.0	90	5.008	91	0.36959	516
9000	0.06695	155	0.35912	134	0.31357	231	1087.0	87	5.099	92	0.37475	516
9100	0.06850	158	0.36046	134	0.31588	222	1078.3	84	5.191	93	0.37991	515
9200	0.07008	160	0.36180	131	0.31810	213	1069.9	82	5.284	94	0.38506	513
9300	0.07168	163	0.36311	130	0.32023	204	1061.7	80	5.378	94	0.39019	511
9400	0.07331	166	0.36441	128	0.32227	196	1053.7	77	5.472	95	0.39530	509
9500	0.07497	168	0 36569	126	0.32423	188	1046.0	75	5.567	96	0.40039	507
9600	0.07665	171	0.36695	124	0.32611	180	1038.5	72	5.663	97	0.40546	505
9700	0.07836	173	0.36819	122	0.32791	171	1031.3	70	5.760	97	0.41051	503
9800	0.08009	176	0.36941	120	0.32962	163	1024.3	68	5.857	98	0.41554	501
9900	0.08185	179	0.37061	119	0.33125	154	1017.5	65	5.955	98	0.42055	499
10000	0.08364	181	0.37180	117	0.33279	144	1011.0	65	6.053	99	0.42554	499

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TABLE II. $V=3{,}200\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.08364	181	0.37180	117	0.33279	144	1011.0	65	6.053	99	0.42554	499
10100	0.08545	184	0.37297	116	0.33423	137	1004.5	63	6.152	100	0.43058	498
10200	0.08729	187	0.37413	114	0.33560	130	998.2	62	6.252	101	0.43551	495
10300	0.08916	190	0.37527	112	0.33690	124	992.0	61	6.353	101	0.44046	492
10400	0.09106	192	0.37639	109	0.33814	118	985.9	60	6.454	102	0.44538	489
10500	0.09298	195	0.37748	107	0.33932	112	979.9	58	6.556	103	0.45027	487
10600	0.09493	197	0.37855	105	0.34044	106	974.1	57	6.659	103	0.45514	485
10700	0.09690	200	0.37960	104	0.34150	100	968.4	56	6.762	103	0.45999	483
10800	0.09890	203	0.38064	101	0.34250	93	962.8	55	6.865	104	0.46482	480
10900	0.10093	206	0.38165	99	0.34343	88	957.3	54	6.969	105	0.46962	477
11000	0.10299	208	0.38264	97	0.34431	84	951.9	53	7.074	105	0.47439	476
11100	0.10507	211	0.38361	95	0.34515	80	946.6	53	7.179	106	0.47915	474
11200	0.10718	214	0.38456	93	0.34595	77	941.3	53	7.285	107	0.48389	471
11300	0.10932	216	0.38549	91	0.34672	74	936.0	52	7.392	107	0.48860	468
11400	0.11148	219	0.38640	89	0.34746	70	930.8	51	7.499	108	0.49328	465
11500	0.11367	222	0.38729	86	0.34816	66	925.7	51	7.607	108	0.49793	462
11600	0.11589	224	0.38815	84	0.34882	62	920.6	50	7.715	109	0.50255	460
11700	0.11813	227	0.38899	83	0.34944	59	915.6	49	7.824	109	0.50715	457
11800	0.12040	230	0.38982	81	0.35003	55	910.7	49	7.933	110	0.51172	454
11900	0.12270	232	0.39063	79	0.35058	53	905.8	48	8.043	111	0.51626	452
12000	0.12502	235	0.39142	76	0.35111	52	901.0	48	8.154	111	0.52078	449
12100	0.12737	238	0.39218	74	0.35163	51	896.2	48	8.265	112	0.52527	446
12200	0.12975	241	0.39292	72	0.35214	48	891.4	47	8.377	112	0.52973	443
12300	0.13216	243	0.39364	70	0.35262	46	886.7	47	8.489	113	0.53416	440
12400	0.13459	246	0.39434	69	0.35308	43	882.0	46	8.602	114	0.53856	438
12500	0.13705	249	0.39503	67	0.35351	41	877.4	46	8.716	114	0.54294	435
12600	0.13954	251	0.39570	64	0.35392	38	872.8	45	8.830	115	0.54729	433
12700	0.14205	254	0.39634	63	0.35430	36	868.3	45	8.945	115	0.55162	430
12800	0.14459	257	0.39697	60	0.35466	33	863.8	44	9.060	116	0.55592	427
12900	0.14716	260	0.39757	58	0.35499	32	859.4	44	9.176	117	0.56019	425
13000	0.14976	263	0.39815	55	0.35531	32	855.0	42	9.293	117	0.56444	422
13100	0.15239	265	0.39870	53	0.35563	31	850.8	42	9.410	118	0.56866	419
13200	0.15504	268	0.39923	51	0.35594	31	846.6	42	9.528	119	0.57285	416
13300	0.15772	271	0.39974	50	0.35625	29	842.4	42	9.647	119	0.57701	413
13400	0.16043	273	0.40024	49	0.35654	28	838.2	41	9.766	119	0.58114	411
13500	0.16316	276	0.40073	47	0.35682	28	834.1	41	9.885	120	0.58525	408
13600	0.16592	279	0.40120	46	0.35710	27	830.0	40	10.005	121	0.58933	406
13700	0.16871	282	0.40166	45	0.35737	26	826.0	40	10.126	121	0.59339	405
13800	0.17153	285	0.40211	43	0.35763	24	822.0	40	10.247	122	0.59743	402
13900	0.17438	287	0.40254	42	0.35787	24	818.0	40	10.369	123	0.60145	399
14000	0.17725	290	0.40296	39	0.35811	23	814.0	39	10.492	123	0.60544	396
14100	0.18015	293	0.40335	38	0.35834	23	810.1	39	10.615	124	0.60940	393
14200	0.18308	296	0.40373	37	0.35857	23	806.2	39	10.739	124	0.61333	391
14300	0.18604	299	0.40410	36	0.35880	22	802.3	39	10.863	125	0.61724	389
14400	0.18903	301	0.40446	35	0.35902	22	798.4	39	10.988	125	0.62113	387
14500	0.19204	304	0.40481	34	0.35924	22	794.6	38	11.113	126	0.62500	384
14600	0.19508	307	0.40515	34	0.35946	22	790.8	38	11.239	127	0.62884	382
14700	0.19815	310	0.40549	32	0.35968	21	787.1	37	11.366	127	0.63266	380
14800	0.20125	313	0.40581	31	0.35989	21	783.4	37	11.493	128	0.63646	378
14900	0.20438	316	0.40612	30	0.36010	20	779.7	37	11.621	129	0.64024	376
15000	0.20754	319	0.40642	29	0.36030	21	776.0	37	11.750	129	0.64400	372

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TABLE II. $V=3{,}200\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.20754	319	0.40642	29	0.36030	21	776.0	37	11.750	129	0.64400	372
15100	0.21073	321	0.40671	28	0.36051	21	772.2	36	11.879	130	0.64772	370
15200	0.21394	325	0.40699	27	0.36072	21	768.8	36	12.009	130	0.65142	369
15300	0.21719	327	0.40726	27	0.36093	21	765.2	35	12.139	131	0.65511	367
15400	0.22046	330	0.40753	26	0.36114	21	761.7	35	12.270	131	0.65878	365
15500	0.22376	334	0.40779	25	0.36135	21	758.2	35	12.401	132	0.66243	363
15600	0.22710	336	0.40804	24	0.36156	21	754.7	35	12.533	133	0.66606	360
15700	0.23046	339	0.40828	24	0.36177	21	751.2	34	12.666	133	0.66966	358
15800	0.23385	342	0.40852	23	0.36198	21	747.8	34	12.799	134	0.67324	356
15900	0.23727	345	0.40875	23	0.36219	21	744.4	34	12.933	135	0.67680	355
16000	0.24072	348	0.40898	21	0.36240	21	741.0	34	13.068	135	0.68035	352
16100	0.24420	352	0.40919	20	0.36261	21	737.6	34	13.203	136	0.68387	350
16200	0.24772	355	0.40939	20	0.36282	21	734.2	34	13.339	136	0.68737	348
16300	0.25127	357	0.40959	20	0.36303	22	730.8	34	13.475	137	0.69085	347
16400	0.25484	361	0.40979	19	0.36325	22	727.4	34	13.612	138	0.69432	345
16500	0.25845	364	0.40998	19	0.36347	22	724.0	34	13.750	138	0.69777	343
16600	0.26209	367	0.41017	18	0.36369	22	720.6	34	13.888	139	0.70120	341
16700	0.26576	370	0.41035	18	0.36391	23	717.2	34	14.027	140	0.70461	340
16800	0.26946	374	0.41053	17	0.36414	23	713.8	34	14.167	140	0.70801	338
16900	0.27320	376	0.41070	17	0.36437	23	710.4	34	14.307	141	0.71139	336
17000	0.27696	379	0.41087	16	0.36460	24	707.0	32	14.448	142	0.71475	334
17100	0.28075	382	0.41103	16	0.36484	24	703.8	32	14.590	142	0.71809	333
17200	0.28457	386	0.41119	15	0.36508	25	700.6	32	14.732	143	0.72142	331
17300	0.28843	389	0.41134	15	0.36533	25	697.4	32	14.875	144	0.72473	329
17400	0.29232	392	0.41149	15	0.36558	26	694.2	32	15.019	144	0.72802	328
17500	0.29624	395	0.41164	14	0.36584	26	691.0	32	15.163	145	0.73130	327
17600	0.30019	398	0.41178	14	0.36610	27	687.8	32	15.308	146	0.73457	326
17700	0.30417	401	0.41192	14	0.36637	27	684.6	32	15.454	147	0.73783	324
17800	0.30818	405	0.41206	14	0.36664	28	681.4	32	15.601	147	0.74107	322
17900	0.31223	408	0.41220	14	0.36692	29	678.2	32	15.748	148	0.74429	320
18000	0.31631	410	0.41234	13	0.36721	29	675.0	31	15.896	149	0.74749	319
18100	0.32041	413	0.41247	13	0.36750	29	671.9	31	16.045	149	0.75068	318
18200	0.32454	416	0.41260	12	0.36779	29	668.8	31	16.194	150	0.75386	316
18300	0.32870	420	0.41272	13	0.36808	30	665.7	31	16.344	151	0.75702	315
18400	0.33290	424	0.41285	12	0.36838	31	662.6	31	16.495	152	0.76017	314
18500	0.33714	427	0.41297	12	0.36869	33	659.5	31	16.647	152	0.76331	313
18600	0.34141	431	0.41309	13	0.36902	34	656.4	31	16.799	153	0.76644	312
18700	0.34572	435	0.41322	12	0.36936	34	653.3	31	16.952	154	0.76956	311
18800	0.35007	438	0.41334	12	0.36970	35	650.2	31	17.106	155	0.77267	309
18900	0.35445	441	0.41346	12	0.37005	35	647.1	31	17.261	155	0.77576	308
19000	0.35886	443	0.41358	12	0.37040	36	644.0	30	17.416	156	0.77884	306
19110	0.36329	446	0.41370	12	0.37076	36	641.0	30	17.572	157	0.78190	305
19200	0.36775	450	0.41382	11	0.37112	37	638.0	30	17.729	157	0.78495	304
19300	0.37225	454	0.41393	12	0.37149	38	635.0	30	17.886	159	0.78799	303
19400	0.37679	459	0.41405	12	0.37187	39	632.0	30	18.045	159	0.79102	303
19500	0.38138	462	0.41417	11	0.37226	39	629.0	30	18.204	160	0.79405	302
19600	0.38600	465	0.41428	12	0.37265	40	626.0	30	18.364	161	0.79707	301
19700	0.39065	470	0.41440	12	0.37305	41	623.0	30	18.525	162	0.80008	301
19800	0.39535	474	0.41452	11	0.37346	42	620.0	30	18.687	162	0.80309	300
19900	0.40009	478	0.41463	12	0.37388	42	617.0	30	18.849	163	0.80609	299
20000	0.40487	482	0.41175	12	0.37430	42	614.0	30	19.012	165	0.80908	299

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TABLE II. *V=3,300 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
0	0.00000	30	0.25000	84	0.00000	310	3300.0	349	0.000	30	0.00000	315
100	0.00030	30	0.25084	85	0.00310	311	3265.1	347	0.030	31	0.00315	317
200	0.00060	30	0.25169	86	0.00621	313	3230.4	345	0.061	31	0.00632	318
300	0.00090	31	0.25255	87	0.00934	314	3195.9	343	0.092	32	0.00950	319
400	0.00121	32	0.25342	88	0.01248	315	3161.6	341	0.124	32	0.01269	321
500	0.00153	32	0.25430	90	0.01563	317	3127.5	339	0.156	32	0.01590	322
600	0.00185	32	0.25520	91	0.01880	318	3093.6	337	0.188	32	0.01912	323
700	0.00217	33	0.25611	92	0.02198	319	3059.9	335	0.220	33	0.02235	324
800	0.00250	34	0.25703	93	0.02517	321	3026.4	333	0.253	33	0.02559	326
900	0.00284	34	0.25796	94	0.02838	322	2993.1	331	0.286	34	0.02885	328
1000	0.00318	34	0.25890	95	0.03160	323	2960.0	329	0.320	34	0.03213	328
1100	0.00352	35	0.25985	97	0.03483	325	2927.1	327	0.354	34	0.03541	329
1200	0.00387	36	0.26082	98	0.03808	326	2894.4	325	0.388	35	0.03870	331
1300	0.00423	36	0.26180	99	0.04134	327	2861.9	322	0.423	35	0.04201	332
1400	0.00459	37	0.26279	101	0.04461	329	2829.7	320	0.458	36	0.04533	334
1500	0.00496	37	0.26380	102	0.04790	331	2797.7	318	0.494	36	0.04867	336
1600	0.00533	37	0.26482	103	0.05121	332	2765.9	316	0.530	36	0.05203	337
1700	0.00570	38	0.26585	104	0.05453	333	2734.3	314	0.566	37	0.05540	339
1800	0.00608	39	0.26689	105	0.05786	335	2702.9	312	0.603	37	0.05879	341
1900	0.00647	40	0.26794	106	0.06121	337	2671.7	310	0.640	38	0.06220	343
2000	0.00687	40	0.26900	107	0.06458	339	2640.7	308	0.678	38	0.06563	346
2100	0.00727	41	0.27007	107	0.06797	341	2609.9	305	0.716	38	0.06909	349
2200	0.00768	41	0.27114	107	0.07138	342	2579.4	303	0.754	39	0.07258	352
2300	0.00809	42	0.27221	107	0.07480	344	2549.1	301	0.793	40	0.07610	354
2400	0.00851	43	0.27328	107	0.07824	345	2519.0	298	0.833	40	0.07964	356
2500	0.00894	44	0.27435	108	0.08169	347	2489.2	296	0.873	40	0.08320	359
2600	0.00938	44	0.27543	108	0.08516	348	2459.6	294	0.913	41	0.08679	362
2700	0.00982	45	0.27651	108	0.08864	349	2430.2	292	0.954	42	0.09041	364
2800	0.01027	46	0.27759	108	0.09213	351	2401.0	290	0.996	42	0.09405	367
2900	0.01073	46	0.27867	108	0.09564	352	2372.0	287	1.038	42	0.09772	369
3000	0.01119	47	0.27975	109	0.09916	353	2343.3	285	1.080	43	0.10141	372
3100	0.01166	48	0.28084	110	0.10269	354	2314.8	282	1.123	43	0.10513	375
3200	0.01214	49	0.28194	111	0.10623	355	2286.6	280	1.166	44	0.10888	377
3300	0.01263	49	0.28305	111	0.10978	356	2258.6	278	1.210	45	0.11265	380
3400	0.01312	51	0.28416	112	0.11334	357	2230.8	275	1.255	45	0.11645	383
3500	0.01363	52	0.28528	113	0.11691	358	2203.3	273	1.300	46	0.12028	385
3600	0.01415	53	0.28641	114	0.12049	359	2176.0	271	1.346	46	0.12413	388
3700	0.01468	53	0.28755	115	0.12408	361	2148.9	268	1.392	47	0.12801	390
3800	0.01521	54	0.28870	115	0.12769	362	2122.1	266	1.439	47	0.13191	393
3900	0.01575	55	0.28985	116	0.13131	363	2095.5	263	1.486	48	0.13584	395
4000	0.01630	56	0.29101	117	0.13494	364	2069.2	261	1.534	48	0.13979	398
4100	0.01686	57	0.29218	119	0.13858	365	2043.1	258	1.582	49	0.14377	400
4200	0.01743	58	0.29337	120	0.14223	366	2017.3	256	1.631	50	0.14777	403
4300	0.01801	59	0.29457	121	0.14589	368	1991.7	253	1.681	50	0.15180	406
4400	0.01860	61	0.29578	122	0.14957	369	1966.4	251	1.731	51	0.15586	408
4500	0.01921	62	0.29700	123	0.15326	370	1941.3	248	1.782	52	0.15994	411
4600	0.01983	62	0.29823	124	0.15696	371	1916.5	246	1.834	53	0.16405	413
4700	0.02045	63	0.29947	125	0.16067	372	1891.9	243	1.887	53	0.16818	416
4800	0.02108	65	0.30072	126	0.16439	373	1867.6	241	1.940	54	0.17234	419
4900	0.02173	66	0.30198	127	0.16812	375	1843.5	239	1.994	55	0.17653	421
5000	0.02239	67	0.30325	127	0.17187	378	1819.6	236	2.049	55	0.18074	424

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TABLE II. *V=3,300 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.02239	67	0.30325	127	0.17187	378	1819.6	236	2.049	55	0.18074	424
5100	0.02306	68	0.30452	128	0.17565	380	1796.0	233	2.104	56	0.18498	426
5200	0.02374	70	0.30580	129	0.17945	381	1772.7	230	2.160	57	0.18924	429
5300	0.02444	71	0.30709	129	0.18326	382	1749.7	227	2.217	58	0.19353	431
5400	0.02515	72	0.30838	130	0.18708	382	1727.0	226	2.275	58	0.19784	434
5500	0.02587	74	0.30968	130	0.19090	382	1704.4	223	2.333	59	0.20218	437
5600	0.02661	75	0.31098	131	0.19472	382	1682.1	221	2.392	60	0.20655	440
5700	0.02736	77	0.31229	132	0.19854	383	1660.0	219	2.452	61	0.21095	443
5800	0.02813	78	0.31361	132	0.20237	383	1638.1	216	2.513	61	0.21538	445
5900	0.02891	79	0.31493	133	0.20620	383	1616.5	212	2.574	62	0.21983	448
6000	0.02970	81	0.31626	134	0.21003	382	1595.3	209	2.636	63	0.22431	452
6100	0.03051	82	0.31760	134	0.21385	381	1574.4	207	2.699	64	0.22883	455
6200	0.03133	84	0.31894	135	0.21766	380	1553.7	204	2.763	65	0.23338	458
6300	0.03217	86	0.32029	135	0.22146	379	1533.3	201	2.828	66	0.23796	460
6400	0.03303	88	0.32164	136	0.22525	379	1513.2	198	2.894	67	0.24256	463
6500	0.03391	90	0.32300	136	0.22904	378	1493.4	195	2.961	68	0.24719	466
6600	0.03481	91	0.32436	137	0.23282	377	1473.9	192	3.029	68	0.25185	468
6700	0.03572	93	0.32573	138	0.23659	376	1454.7	190	3.097	69	0.25653	471
6800	0.03665	95	0.32711	138	0.24035	375	1435.7	187	3.166	70	0.26124	474
6900	0.03760	96	0.32849	138	0.24410	375	1417.0	185	3.236	71	0.26598	476
7000	0.03856	98	0.32987	139	0.24785	376	1398.5	183	3.307	72	0.27074	480
7100	0.03954	100	0.33126	140	0.25161	376	1380.2	179	3.379	73	0.27554	483
7200	0.04054	102	0.33266	140	0.25537	374	1362.3	175	3.452	74	0.28037	485
7300	0.04156	105	0.33406	140	0.25911	370	1344.8	170	3.526	75	0.28522	487
7400	0.04261	107	0.33546	141	0.26281	366	1327.8	167	3.601	76	0.29009	489
7500	0.04368	109	0.33687	141	0.26647	362	1311.1	164	3.677	77	0.29498	491
7600	0.04477	111	0.33828	141	0.27009	359	1294.7	161	3.754	78	0.29989	493
7700	0.04588	113	0.33969	141	0.27368	356	1278.6	156	3.832	79	0.30482	494
7800	0.04701	115	0.34110	142	0.27724	352	1263.0	150	3.911	79	0.30976	497
7900	0.04816	117	0.34252	143	0.28076	349	1248.0	144	3.990	80	0.31473	499
8000	0.04933	120	0.34395	144	0.28425	344	1233.6	138	4.070	81	0.31972	503
8100	0.05053	122	0.34539	145	0.28769	336	1219.8	134	4.151	82	0.32475	506
8200	0.05175	125	0.34684	145	0.29105	328	1206.4	130	4.233	83	0.32981	508
8300	0.05300	127	0.34829	144	0.29433	321	1193.4	126	4.316	84	0.33489	509
8400	0.05427	129	0.34973	144	0.29754	313	1180.8	121	4.400	85	0.33998	510
8500	0.05556	132	0.35117	143	0.30067	306	1168.7	117	4.485	86	0.34508	511
8600	0.05688	135	0.35260	143	0.30373	299	1157.0	113	4.571	87	0.35019	512
8700	0.05823	137	0.35403	142	0.30672	292	1145.7	110	4.658	88	0.35531	513
8800	0.05960	139	0.35545	142	0.30964	285	1134.7	105	4.746	89	0.36044	513
8900	0.06099	142	0.35687	142	0.31249	276	1124.2	99	4.835	90	0.36557	514
9000	0.06241	144	0.35829	141	0.31525	266	1114.3	95	4.925	90	0.37071	515
9100	0.06385	147	0.35970	140	0.31791	255	1104.8	92	5.015	91	0.37586	515
9200	0.06532	150	0.36110	138	0.32046	245	1095.6	89	5.106	92	0.38101	514
9300	0.06682	152	0.36248	136	0.32291	235	1086.7	86	5.198	92	0.38615	514
9400	0.06834	155	0.36384	134	0.32526	224	1078.1	84	5.290	93	0.39129	513
9500	0.06989	158	0.36518	133	0.32750	212	1069.7	81	5.383	94	0.39642	513
9600	0.07147	160	0.36651	131	0.32962	200	1061.6	78	5.477	94	0.40155	513
9700	0.07307	163	0.36782	129	0.33162	189	1053.8	75	5.571	95	0.40668	512
9800	0.07470	166	0.36911	128	0.33351	178	1046.3	73	5.666	96	0.41180	511
9900	0.07636	168	0.37039	126	0.33529	169	1039.0	71	5.762	97	0.41691	511
10000	0.07804	171	0.37165	125	0.33698	162	1031.9	71	5.859	98	0.42202	509

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TABLE II. $V=3{,}300$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.07804	171	0.37165	125	0.33698	162	1031.9	71	5.859	98	0.42202	509
10100	0.07975	173	0.37290	123	0.33860	156	1024.8	69	5.957	98	0.42711	507
10200	0.08148	176	0.37413	121	0.34016	150	1017.9	68	6.055	99	0.43218	505
10300	0.08324	179	0.37534	119	0.34166	144	1011.1	66	6.154	99	0.43723	503
10400	0.08503	182	0.37652	117	0.34310	139	1004.5	65	6.253	100	0.44226	501
10500	0.08685	184	0.37769	115	0.34449	132	998.0	63	6.353	100	0.44727	500
10600	0.08869	187	0.37884	112	0.34581	126	991.7	62	6.453	101	0.45227	498
10700	0.09056	190	0.37997	110	0.34707	120	985.5	60	6.554	102	0.45725	496
10800	0.09246	192	0.38107	109	0.34827	114	979.5	59	6.656	103	0.46221	494
10900	0.09438	195	0.38216	107	0.34941	108	973.6	57	6.759	103	0.46715	492
11000	0.09633	198	0.38323	105	0.35049	101	967.9	56	6.862	104	0.47207	489
11100	0.09831	200	0.38428	103	0.35150	94	962.3	56	6.966	104	0.47696	486
11200	0.10031	203	0.38531	101	0.35244	89	956.7	55	7.070	105	0.48182	484
11300	0.10234	206	0.38632	99	0.35333	84	951.2	54	7.175	105	0.48666	481
11400	0.10440	208	0.38731	97	0.35417	79	945.8	53	7.280	106	0.49147	479
11500	0.10648	211	0.38828	94	0.35496	75	940.5	52	7.386	107	0.49626	476
11600	0.10859	214	0.38922	92	0.35571	70	935.3	51	7.493	107	0.50102	474
11700	0.11073	216	0.39014	90	0.35641	65	930.2	50	7.600	108	0.50576	471
11800	0.11289	219	0.39104	88	0.35706	59	925.2	50	7.708	108	0.51047	469
11900	0.11508	222	0.39192	86	0.35765	55	920.2	49	7.816	109	0.51516	466
12000	0.11730	224	0.39278	82	0.35820	53	915.3	49	7.925	110	0.51982	463
12100	0.11954	227	0.39360	80	0.35873	52	910.4	49	8.035	110	0.52445	459
12200	0.12181	230	0.39440	78	0.35925	51	905.5	49	8.145	111	0.52904	457
12300	0.12411	233	0.39518	76	0.35976	50	900.6	48	8.256	111	0.53361	454
12400	0.12644	235	0.39594	74	0.36026	47	895.8	47	8.367	112	0.53815	452
12500	0.12879	238	0.39668	72	0.36073	45	891.1	47	8.479	112	0.54267	449
12600	0.13117	240	0.39740	70	0.36118	43	886.4	47	8.591	113	0.54716	446
12700	0.13357	243	0.39810	67	0.36161	41	881.7	46	8.704	114	0.55162	443
12800	0.13600	246	0.39877	65	0.36202	40	877.1	45	8.818	114	0.55605	440
12900	0.13846	249	0.39942	64	0.36242	38	872.6	45	8.932	115	0.56045	438
13000	0.14095	251	0.40006	62	0.36280	35	868.1	44	9.047	115	0.56483	435
13100	0.14346	254	0.40068	61	0.36315	34	863.7	44	9.162	116	0.56918	432
13200	0.14600	257	0.40129	59	0.36349	33	859.3	44	9.278	117	0.57350	429
13300	0.14857	260	0.40188	57	0.36382	32	854.9	43	9.395	117	0.57779	427
13400	0.15117	263	0.40245	55	0.36414	30	850.6	43	9.512	118	0.58206	424
13500	0.15380	265	0.40300	54	0.36444	29	846.3	42	9.630	118	0.58630	422
13600	0.15645	268	0.40354	52	0.36473	28	842.1	42	9.748	119	0.59052	419
13700	0.15913	270	0.40406	51	0.36501	27	837.9	41	9.867	120	0.59471	416
13800	0.16183	273	0.40457	49	0.36528	25	833.8	41	9.987	120	0.59887	414
13900	0.16456	276	0.40506	47	0.36553	24	829.7	41	10.107	121	0.60301	411
14000	0.16732	279	0.40553	46	0.36577	24	825.6	40	10.228	121	0.60712	408
14100	0.17011	282	0.40599	44	0.36601	24	821.6	40	10.349	122	0.61120	406
14200	0.17293	284	0.40643	43	0.36625	23	817.6	39	10.471	123	0.61526	404
14300	0.17577	287	0.40686	41	0.36648	23	813.7	39	10.594	123	0.61930	401
14400	0.17864	290	0.40727	40	0.36671	22	809.8	39	10.717	124	0.62331	399
14500	0.18154	293	0.40767	39	0.36693	22	805.9	39	10.841	124	0.62730	396
14600	0.18447	295	0.40806	38	0.36715	21	802.0	38	10.965	125	0.63126	394
14700	0.18742	298	0.40844	36	0.36736	20	798.2	38	11.090	126	0.63520	392
14800	0.19040	301	0.40880	35	0.36756	20	794.4	37	11.216	126	0.63912	389
14900	0.19341	305	0.40915	34	0.36776	19	790.7	37	11.342	127	0.64301	387
15000	0.19646	307	0.40949	33	0.36795	19	787.0	37	11.469	127	0.64688	385

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TABLE II. *V=3,300 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.19646	307	0.40949	33	0.36795	19	787.0	37	11.469	127	0.64688	385
15100	0.19953	310	0.40982	32	0.36814	18	783.3	37	11.596	128	0.65073	383
15200	0.20263	313	0.41014	31	0.36832	18	779.6	36	11.724	129	0.65456	380
15300	0.20576	316	0.41045	30	0.36850	18	776.0	36	11.853	129	0.65836	378
15400	0.20892	319	0.41075	29	0.36868	18	772.4	36	11.982	130	0.66214	376
15500	0.21211	321	0.41104	28	0.36886	18	768.8	36	12.112	130	0.66590	374
15600	0.21532	324	0.41132	27	0.36904	17	765.2	36	12.242	131	0.66964	372
15700	0.21856	327	0.41159	26	0.36921	17	761.6	35	12.373	132	0.67336	370
15800	0.22183	330	0.41185	25	0.36938	17	758.1	35	12.505	132	0.67706	368
15900	0.22513	333	0.41210	24	0.36955	18	754.6	35	12.637	133	0.68074	365
16000	0.22846	336	0.41234	23	0.36973	18	751.1	35	12.770	134	0.68439	363
16100	0.23182	339	0.41257	23	0.36991	18	747.6	35	12.904	134	0.68802	362
16200	0.23521	342	0.41280	23	0.37009	18	744.1	35	13.038	134	0.69164	359
16300	0.23863	344	0.41303	22	0.37027	18	740.6	35	13.172	135	0.69523	358
16400	0.24207	348	0.41325	21	0.37045	19	737.1	34	13.307	136	0.69881	356
16500	0.24555	351	0.41346	20	0.37064	19	733.7	34	13.443	137	0.70237	354
16600	0.24906	354	0.41366	20	0.37083	19	730.3	34	13.580	137	0.70591	352
16700	0.25260	357	0.41386	19	0.37102	20	726.9	34	13.717	138	0.70943	350
16800	0.25617	360	0.41405	19	0.37122	20	723.5	33	13.855	139	0.71293	348
16900	0.25977	363	0.41424	18	0.37142	20	720.2	34	13.994	139	0.71641	346
17000	0.26340	366	0.41442	17	0.37162	21	716.8	34	14.133	140	0.71987	345
17100	0.26706	369	0.41459	17	0.37183	21	713.4	33	14.273	141	0.72332	343
17200	0.27075	373	0.41476	16	0.37204	22	710.1	33	14.414	141	0.72675	342
17300	0.27448	376	0.41492	16	0.37226	22	706.8	33	14.555	142	0.73017	340
17400	0.27824	379	0.41508	16	0.37248	23	703.5	33	14.697	143	0.73357	338
17500	0.28203	382	0.41524	15	0.37271	23	700.2	33	14.840	143	0.73695	337
17600	0.28585	385	0.41539	15	0.37294	23	696.9	33	14.983	144	0.74032	335
17700	0.28970	388	0.41554	14	0.37317	24	693.6	32	15.127	144	0.74367	333
17800	0.29358	391	0.41568	14	0.37341	25	690.4	32	15.271	145	0.74700	332
17900	0.29749	394	0.41582	14	0.37366	25	687.2	32	15.416	146	0.75032	330
18000	0.30143	398	0.41596	14	0.37391	26	684.0	32	15.562	147	0.75362	329
18100	0.30541	401	0.41610	13	0.37417	26	680.8	32	15.709	147	0.75691	327
18200	0.30942	404	0.41623	13	0.37443	27	677.6	31	15.856	148	0.76018	326
18300	0.31346	407	0.41636	13	0.37470	27	674.5	31	16.004	148	0.76344	324
18400	0.31753	411	0.41649	13	0.37497	28	671.4	31	16.152	149	0.76668	323
18500	0.32164	414	0.41662	13	0.37525	29	668.3	31	16.301	150	0.76991	322
18600	0.32579	418	0.41675	12	0.37554	29	665.2	31	16.451	151	0.77313	320
18700	0.32996	421	0.41687	12	0.37583	29	662.1	31	16.602	151	0.77633	319
18800	0.33417	424	0.41699	12	0.37612	30	659.0	31	16.753	152	0.77952	317
18900	0.33841	428	0.41711	11	0.37642	31	655.9	31	16.905	153	0.78269	316
19000	0.34269	431	0.41722	11	0.37673	31	652.8	31	17.058	154	0.78585	315
19100	0.34700	434	0.41733	11	0.37704	32	649.7	30	17.212	154	0.78900	314
19200	0.35134	438	0.41744	11	0.37736	32	646.7	30	17.366	155	0.79214	312
19300	0.35572	442	0.41755	11	0.37768	32	643.7	30	17.521	156	0.79526	311
19400	0.36014	445	0.41766	11	0.37800	33	640.7	30	17.677	156	0.79837	310
19500	0.36459	449	0.41777	11	0.37833	34	637.7	30	17.833	157	0.80147	309
19600	0.36908	452	0.41788	11	0.37867	35	634.7	30	17.990	158	0.80456	308
19700	0.37360	455	0.41799	11	0.37902	35	631.7	30	18.148	159	0.80764	307
19800	0.37815	459	0.41810	11	0.37937	35	628.7	29	18.307	159	0.81071	305
19900	0.38274	463	0.41821	11	0.37972	36	625.8	29	18.466	160	0.81376	304
20000	0.38737	467	0.41832	11	0.38008	36	622.9	29	18.626	160	0.81680	303

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TABLE II. $V=3{,}400\ f.\ s.$—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
0	0.00000	28	0.25000	83	0.00000	305	3400.0	355	0.000	29	0.00000	306
100	0.00028	28	0.25083	84	0.00305	306	3364.5	353	0.029	30	0.00306	308
200	0.00056	29	0.25167	85	0.00611	308	3329.2	351	0.059	30	0.00614	310
300	0.00085	29	0.25252	86	0.00919	309	3294.1	348	0.089	31	0.00924	311
400	0.00114	30	0.25338	87	0.01228	311	3259.3	346	0.120	31	0.01235	312
500	0.00144	30	0.25425	89	0.01539	313	3224.7	344	0.151	31	0.01547	313
600	0.00174	30	0.25514	90	0.01852	315	3190.3	343	0.182	31	0.01860	315
700	0.00204	31	0.25604	91	0.02167	317	3156.0	341	0.213	32	0.02175	317
800	0.00235	32	0.25695	92	0.02484	319	3121.9	339	0.245	32	0.02492	319
900	0.00267	32	0.25787	93	0.02803	321	3088.0	337	0.277	33	0.02811	320
1000	0.00299	32	0.25880	94	0.03124	323	3054.3	335	0.310	33	0.03131	320
1100	0.00331	33	0.25974	95	0.03447	325	3020.8	333	0.343	33	0.03451	321
1200	0.00364	33	0.26069	97	0.03772	326	2987.5	331	0.376	34	0.03772	323
1300	0.00397	34	0.26166	98	0.04098	328	2954.4	329	0.410	34	0.04095	326
1400	0.00431	35	0.26264	99	0.04426	330	2921.5	327	0.444	34	0.04421	328
1500	0.00466	35	0.26363	100	0.04756	331	2888.8	324	0.478	35	0.04749	329
1600	0.00501	35	0.26463	101	0.05087	332	2856.4	322	0.513	35	0.05078	331
1700	0.00536	36	0.26564	102	0.05419	334	2824.2	320	0.548	36	0.05409	333
1800	0.00572	36	0.26666	102	0.05753	335	2792.2	318	0.584	36	0.05742	336
1900	0.00608	37	0.26768	103	0.06088	336	2760.4	316	0.620	37	0.06078	339
2000	0.00645	38	0.26871	103	0.06424	336	2728.8	314	0.657	37	0.06417	342
2100	0.00683	38	0.26974	103	0.06760	337	2697.4	312	0.694	37	0.06759	345
2200	0.00721	39	0.27077	104	0.07097	338	2666.2	310	0.731	38	0.07104	348
2300	0.00760	40	0.27181	104	0.07435	339	2635.2	307	0.769	38	0.07452	351
2400	0.00800	40	0.27285	105	0.07774	340	2604.5	305	0.807	39	0.07803	354
2500	0.00840	41	0.27390	105	0.08114	341	2574.0	303	0.846	39	0.08157	356
2600	0.00881	41	0.27495	105	0.08455	342	2543.7	301	0.885	39	0.08513	358
2700	0.00922	42	0.27600	106	0.08797	343	2513.6	299	0.924	40	0.08871	361
2800	0.00964	43	0.27706	106	0.09140	344	2483.7	297	0.964	41	0.09232	363
2900	0.01007	43	0.27812	107	0.09484	346	2454.0	294	1.005	41	0.09595	366
3000	0.01050	44	0.27919	109	0.09830	347	2424.6	291	1.046	41	0.09961	369
3100	0.01094	45	0.28028	110	0.10177	348	2395.5	289	1.087	42	0.10330	371
3200	0.01139	46	0.28138	111	0.10525	349	2366.6	286	1.129	42	0.10701	374
3300	0.01185	47	0.28249	111	0.10874	350	2338.0	284	1.171	43	0.11075	376
3400	0.01232	48	0.28360	112	0.11224	352	2309.6	282	1.214	44	0.11451	379
3500	0.01280	48	0.28472	113	0.11576	353	2281.4	279	1.258	44	0.11830	381
3600	0.01328	49	0.28585	114	0.11929	354	2253.5	277	1.302	45	0.12211	384
3700	0.01377	50	0.28699	115	0.12283	355	2225.8	274	1.347	45	0.12595	386
3800	0.01427	50	0.28814	116	0.12638	357	2198.4	272	1.392	46	0.12981	388
3900	0.01477	51	0.28930	117	0.12995	358	2171.2	270	1.438	46	0.13369	391
4000	0.01528	52	0.29047	117	0.13353	360	2144.2	267	1.484	47	0.13760	393
4100	0.01580	54	0.29164	118	0.13713	361	2117.5	265	1.531	47	0.14153	396
4200	0.01634	55	0.29282	119	0.14074	363	2091.0	263	1.578	48	0.14549	398
4300	0.01689	55	0.29401	120	0.14437	364	2064.7	260	1.626	49	0.14947	401
4400	0.01744	56	0.29521	120	0.14801	365	2038.7	258	1.675	49	0.15348	404
4500	0.01800	57	0.29641	121	0.15166	366	2012.9	255	1.724	50	0.15752	406
4600	0.01857	58	0.29762	122	0.15532	368	1987.4	253	1.774	51	0.16158	408
4700	0.01915	60	0.29884	123	0.15900	369	1962.1	250	1.825	51	0.16566	411
4800	0.01975	60	0.30007	123	0.16269	370	1937.1	248	1.876	52	0.16977	413
4900	0.02035	61	0.30130	124	0.16639	372	1912.3	246	1.928	53	0.17390	416
5000	0.02096	62	0.30254	125	0.17011	374	1887.7	243	1.981	53	0.17806	418

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TABLE II. $V=3{,}400$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.02096	62	0.30254	125	0.17011	374	1887.7	243	1.981	53	0.17806	418
5100	0.02158	64	0.30379	125	0.17385	375	1863.4	241	2.034	54	0.18224	421
5200	0.02222	65	0.30504	126	0.17760	376	1839.3	238	2.088	55	0.18645	424
5300	0.02287	66	0.30630	127	0.18136	377	1815.5	235	2.143	55	0.19069	426
5400	0.02353	67	0.30757	128	0.18513	378	1792.0	233	2.198	56	0.19495	429
5500	0.02420	68	0.30885	129	0.18891	379	1768.7	231	2.254	57	0.19924	431
5600	0.02488	70	0.31014	129	0.19270	379	1745.6	228	2.311	58	0.20355	434
5700	0.02558	72	0.31143	130	0.19649	379	1722.8	226	2.369	59	0.20789	437
5800	0.02630	73	0.31273	131	0.20028	380	1700.2	223	2.428	59	0.21226	439
5900	0.02703	74	0.31404	131	0.20408	381	1677.9	220	2.487	60	0.21665	442
6000	0.02777	75	0.31535	132	0.20789	383	1655.9	217	2.547	61	0.22107	445
6100	0.02852	77	0.31667	133	0.21172	383	1634.2	214	2.608	62	0.22552	448
6200	0.02929	78	0.31800	134	0.21555	382	1612.8	211	2.670	62	0.23000	451
6300	0.03007	80	0.31934	135	0.21937	381	1591.7	209	2.732	63	0.23451	454
6400	0.03087	82	0.32069	135	0.22318	380	1570.8	206	2.795	64	0.23905	457
6500	0.03169	84	0.32204	136	0.22698	380	1550.2	204	2.859	65	0.24362	459
6600	0.03253	85	0.32340	136	0.23078	380	1529.8	201	2.924	66	0.24821	462
6700	0.03338	86	0.32476	137	0.23458	380	1509.7	198	2.990	67	0.25283	464
6800	0.03424	87	0.32613	138	0.23838	380	1489.9	195	3.057	68	0.25747	467
6900	0.03511	89	0.32751	138	0.24218	381	1470.4	192	3.125	68	0.26214	470
7000	0.03600	91	0.32889	139	0.24599	380	1451.2	190	3.193	69	0.26684	473
7100	0.03691	93	0.33028	140	0.24979	378	1432.2	187	3.262	71	0.27157	476
7200	0.03784	95	0.33168	141	0.25357	375	1413.5	184	3.333	71	0.27633	479
7300	0.03879	97	0.33309	141	0.25732	373	1395.1	181	3.404	72	0.28112	482
7400	0.03976	100	0.33450	141	0.26105	371	1377.0	178	3.476	73	0.28594	485
7500	0.04076	102	0.33591	142	0.26476	368	1359.2	174	3.549	74	0.29079	489
7600	0.04178	103	0.33733	142	0.26844	365	1341.8	170	3.623	75	0.29568	492
7700	0.04281	105	0.33875	142	0.27209	363	1324.8	166	3.698	76	0.30060	494
7800	0.04386	107	0.34017	143	0.27572	361	1308.2	162	3.774	77	0.30554	497
7900	0.04493	109	0.34160	144	0.27933	358	1292.0	157	3.851	78	0.31051	499
8000	0.04602	111	0.34304	145	0.28291	354	1276.3	153	3.929	79	0.31550	502
8100	0.04713	114	0.34449	145	0.28645	350	1261.0	148	4.008	80	0.32052	504
8200	0.04827	116	0.34594	145	0.28995	346	1246.2	144	4.088	81	0.32556	505
8300	0.04943	119	0.34739	145	0.29341	340	1231.8	140	4.169	82	0.33061	507
8400	0.05062	121	0.34884	145	0.29681	335	1217.8	135	4.251	83	0.33568	508
8500	0.05183	123	0.35029	145	0.30016	329	1204.3	131	4.334	83	0.34076	510
8600	0.05306	126	0.35174	145	0.30345	323	1191.2	127	4.417	84	0.34586	511
8700	0.05432	127	0.35319	145	0.30668	316	1178.5	122	4.501	85	0.35097	513
8800	0.05559	130	0.35464	144	0.30984	308	1166.3	117	4.586	86	0.35610	514
8900	0.05689	132	0.35608	144	0.31292	299	1154.6	112	4.672	87	0.36124	516
9000	0.05821	135	0.35752	143	0.31591	290	1143.4	107	4.759	88	0.36640	517
9100	0.05956	138	0.35895	142	0.31881	280	1132.7	103	4.847	89	0.37157	518
9200	0.06094	140	0.36037	141	0.32161	270	1122.4	99	4.936	90	0.37675	518
9300	0.06234	143	0.36178	140	0.32431	260	1112.5	96	5.026	90	0.38193	518
9400	0.06377	145	0.36318	139	0.32691	250	1102.9	93	5.116	91	0.38711	518
9500	0.06522	148	0.36457	138	0.32941	239	1093.6	90	5.207	92	0.39229	518
9600	0.06670	151	0.36595	137	0.33180	228	1084.6	86	5.299	92	0.39747	518
9700	0.06821	153	0.36731	135	0.33408	219	1076.0	83	5.391	93	0.40265	518
9800	0.06974	155	0.36867	134	0.33627	209	1067.7	80	5.484	94	0.40783	518
9900	0.07129	158	0.37001	133	0.33836	199	1059.7	77	5.578	95	0.41301	518
10000	0.07287	161	0.37134	131	0.34035	191	1052.0	76	5.673	96	0.41819	516

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TABLE II. $V=3{,}400$ *f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.07287	161	0.37134	131	0.34035	191	1052.0	76	5.673	96	0.41819	516
10100	0.07448	163	0.37265	129	0.34226	183	1044.4	74	5.769	96	0.42335	515
10200	0.07611	166	0.37394	127	0.34409	175	1037.0	73	5.865	97	0.42850	513
10300	0.07777	169	0.37521	125	0.34584	167	1029.7	71	5.962	97	0.43363	512
10400	0.07946	172	0.37646	123	0.34751	160	1022.6	69	6.059	98	0.43875	510
10500	0.08118	174	0.37769	121	0.34911	152	1015.7	67	6.157	99	0.44385	509
10600	0.08292	177	0.37890	120	0 35063	144	1009.0	65	6.256	100	0.44894	508
10700	0.08469	179	0.38010	119	0.35207	136	1002.5	63	6.356	100	0.45402	507
10800	0.08648	182	0.38129	117	0.35343	129	996.2	61	6.456	100	0 45909	505
10900	0.08830	184	0.38246	115	0.35472	122	990.1	60	6.556	101	0.46414	503
11000	0.09014	187	0.38361	113	0.35594	114	984.1	59	6.657	102	0.46917	500
11100	0.09201	190	0.38474	111	0.35708	108	978.2	58	6.759	102	0.47417	498
11200	0.09391	193	0.38585	108	0.35816	103	972.4	57	6.861	103	0.47915	495
11300	0.09584	196	0.38693	107	0.35919	98	966.7	56	6.964	104	0.48410	493
11400	0.09780	198	0.38800	104	0.36017	93	961.1	55	7.068	105	0.48903	491
11500	0.09978	200	0.38904	102	0.36110	87	955.6	54	7.173	105	0.49394	489
11600	0.10178	203	0.39006	101	0.36197	82	950.2	53	7.278	105	0.49883	487
11700	0.10381	206	0.39107	98	0.36279	77	944.9	52	7.383	106	0.50370	484
11800	0.10587	209	0.39205	96	0.36356	72	939.7	51	7.489	107	0.50854	481
11900	0.10796	211	0.39301	93	0.36428	68	934.6	50	7.596	107	0.51335	478
12000	0.11007	214	0.39394	90	0.36496	65	929.6	50	7.703	108	0.51813	475
12100	0.11221	216	0.39484	87	0.36561	62	924.6	50	7.811	108	0.52288	472
12200	0.11437	219	0.39571	85	0.36623	60	919.6	50	7.919	109	0.52760	470
12300	0.11656	222	0.39656	82	0.36683	57	914.6	50	8.028	110	0.53230	467
12400	0.11878	225	0.39738	80	0.36740	54	909.6	49	8.138	111	0.53697	464
12500	0.12103	227	0.39818	78	0.36794	50	904.7	49	8.249	111	0.54161	461
12600	0.12330	230	0.39896	76	0.36844	47	899.8	48	8.360	111	0.54622	458
12700	0.12560	232	0.39972	74	0.36891	44	895.0	47	8.471	112	0.55080	456
12800	0.12792	235	0.40046	72	0.36935	41	890.3	47	8.583	113	0.55536	454
12900	0.13027	238	0.40118	70	0.36976	39	885.6	46	8.696	113	0.55990	451
13000	0.13265	241	0.40188	68	0.37015	38	881.0	46	8.809	114	0.56441	448
13100	0.13506	243	0.40256	67	0.37053	37	876.4	45	8.923	114	0.56889	445
13200	0.13749	246	0.40323	65	0.37090	35	871.9	45	9.037	115	0.57334	442
13300	0.13995	249	0.40388	63	0.37125	34	867.4	44	9.152	116	0.57776	440
13400	0.14244	251	0.40451	61	0.37159	33	863.0	44	9.268	116	0.58216	437
13500	0.14495	254	0.40512	59	0.37192	31	858.6	44	9.384	117	0.58653	435
13600	0.14749	257	0.40571	58	0.37223	29	854.2	43	9.501	117	0.59088	432
13700	0.15006	260	0.40629	56	0.37252	28	849.9	43	9.618	118	0.59520	429
13800	0.15266	263	0.40685	54	0.37280	26	845.6	42	9.736	119	0.59949	427
13900	0.15529	265	0.40739	53	0.37306	25	841.4	42	9.855	119	0.60376	424
14000	0.15794	268	0.40792	51	0.37331	25	837.2	41	9.974	120	0.60800	421
14100	0.16062	271	0.40843	50	0.37356	23	833.1	41	10.094	120	0.61221	419
14200	0.16333	273	0.40893	48	0.37380	22	829.0	40	10.214	121	0.61640	416
14300	0.16606	276	0.40941	47	0.37403	22	825.0	40	10.335	121	0.62056	413
14400	0.16882	279	0.40988	45	0.37425	21	821.0	40	10.456	122	0.62469	411
14500	0.17161	282	0.41033	44	0.37446	21	817.0	39	10.578	123	0.62880	409
14600	0.17443	284	0.41077	42	0.37467	20	813.1	39	10.701	124	0.63289	406
14700	0.17727	287	0.41119	41	0.37487	19	809.2	39	10.825	124	0.63695	404
14800	0.18014	290	0.41160	39	0.37506	18	805.3	39	10.949	124	0.64099	401
14900	0.18304	293	0.41199	38	0.37524	18	801.4	38	11.073	125	0.64500	399
15000	0.18597	296	0.41237	36	0.37542	17	797.6	37	11.198	126	0.64899	396

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TABLE II. *V=5,400 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
15000	0.18597	296	0.41237	36	0.37542	17	797.6	37	11.198	126	0.64899	396
15100	0.18893	299	0.41273	35	0.37559	17	793.9	37	11.324	126	0.65295	394
15200	0.19192	301	0.41308	34	0.37576	17	790.2	37	11.450	127	0.65689	392
15300	0.19493	304	0.41342	33	0.37593	17	786.5	37	11.577	127	0.66081	390
15400	0.19797	307	0.41375	32	0.37610	17	782.8	37	11.704	128	0.66471	388
15500	0.20104	310	0.41407	31	0.37627	16	779.1	36	11.832	129	0.66859	385
15600	0.20414	313	0.41438	30	0.37643	16	775.5	36	11.961	129	0.67244	383
15700	0.20727	316	0.41468	29	0.37659	15	771.9	36	12.090	130	0.67627	381
15800	0.21043	318	0.41497	28	0.37674	16	768.3	36	12.220	130	0.68008	378
15900	0.21361	321	0.41525	28	0.37690	15	764.7	36	12.350	131	0.68385	375
16000	0.21682	324	0.41553	27	0.37705	16	761.1	35	12.481	132	0.68760	374
16100	0.22006	327	0.41580	26	0.37721	15	757.5	36	12.613	133	0.69134	372
16200	0.22333	331	0.41606	25	0.37736	16	754.0	35	12.746	133	0.69506	370
16300	0.22664	333	0.41631	24	0.37752	16	750.5	35	12.879	134	0.69876	368
16400	0.22997	336	0.41655	23	0.37768	16	747.0	35	13.013	135	0.70244	366
16500	0.23333	339	0.41678	22	0.37784	16	743.5	35	13.148	135	0.70610	364
16600	0.23672	342	0.41700	23	0.37800	16	740.0	35	13.283	136	0.70974	362
16700	0.24014	345	0.41723	21	0.37816	17	736.5	34	13.419	136	0.71336	360
16800	0.24359	348	0.41744	20	0.37833	16	733.1	34	13.555	137	0.71696	358
16900	0.24707	351	0.41764	20	0.37849	17	729.7	34	13.689	138	0.72054	356
17000	0.25058	354	0.41784	19	0.37866	17	726.3	34	13.826	138	0.72410	354
17100	0.25412	357	0.41803	18	0.37883	18	722.9	34	13.964	138	0.72764	352
17200	0.25769	360	0.41821	18	0.37901	18	719.5	34	14.102	139	0.73116	350
17300	0.26129	363	0.41839	17	0.37919	19	716.1	33	14.241	140	0.73466	348
17400	0.26492	366	0.41856	17	0.37938	19	712.8	33	14.381	141	0.73814	348
17500	0.26858	369	0.41873	16	0.37957	19	709.5	33	14.522	141	0.74159	345
17600	0.27227	373	0.41889	16	0.37976	20	706.2	33	14.663	142	0.74515	344
17700	0.27600	376	0.41905	15	0.37996	20	702.9	33	14.805	143	0.74859	342
17800	0.27976	379	0.41920	15	0.38016	20	699.6	33	14.948	143	0.75201	341
17900	0.28355	382	0.41935	14	0.38036	21	696.3	32	15.091	144	0.75542	339
18000	0.28737	385	0.41949	14	0.38057	22	693.1	32	15.235	145	0.75881	338
18100	0.29122	388	0.41963	14	0.38079	22	689.9	32	15.380	145	0.76219	336
18200	0.29510	392	0.41977	13	0.38101	23	686.7	32	15.525	146	0.76555	334
18300	0.29902	395	0.41990	13	0.38124	23	683.5	32	15.671	147	0.76889	333
18400	0.30297	398	0.42003	13	0.38147	24	680.3	32	15.818	147	0.77222	332
18500	0.30695	401	0.42016	13	0.38171	24	677.1	32	15.965	148	0.77554	330
18600	0.31096	405	0.42029	12	0.38195	25	673.9	31	16.113	149	0.77884	328
18700	0.31501	408	0.42041	12	0.38220	26	670.8	31	16.262	149	0.78212	327
18800	0.31909	411	0.42053	12	0.38246	26	667.7	31	16.411	150	0.78539	326
18900	0.32320	414	0.42065	11	0.38272	26	664.6	31	16.561	151	0.78865	324
19000	0.32734	418	0.42076	11	0.38298	27	661.5	31	16.712	152	0.79189	323
19100	0.33152	421	0.42087	11	0.38325	28	658.4	31	16.864	152	0.79512	321
19200	0.33573	424	0.42098	11	0.38353	28	655.3	31	17.016	153	0.79833	320
19300	0.33997	428	0.42109	11	0.38381	29	652.2	30	17.169	154	0.80153	319
19400	0.34425	432	0.42120	11	0.38410	30	649.2	30	17.323	154	0.80472	318
19500	0.34857	435	0.42131	11	0.38440	30	646.2	30	17.477	155	0.80790	316
19600	0.35292	438	0.42142	11	0.38470	30	643.2	30	17.632	156	0.81106	315
19700	0.35730	442	0.42153	11	0.38500	31	640.2	30	17.788	157	0.81421	314
19800	0.36172	445	0.42164	11	0.38531	32	637.2	30	17.945	157	0.81735	313
19900	0.36617	449	0.42175	10	0.38563	32	634.2	30	18.102	158	0.82048	311
20000	0.37066	453	0.42185	10	0.38595	33	631.2	30	18.260	158	0.82359	310

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TABLE II. V=3,500 f. s.

$Z-\frac{X}{C}$	A	Δ	H	Δ	log B′	Δ	u	Δ	T′	Δ	log Q	Δ
0	0.00000	26	0.25000	84	0.00000	300	3500.0	360	0.000	30	0.00000	304
100	0.00026	27	0.25084	85	0.00300	301	3464.0	358	0.030	29	0.00304	305
200	0.00053	27	0.25169	85	0.00601	302	3428.2	356	0.059	29	0.00609	307
300	0.00080	28	0.25254	87	0.00903	304	3392.6	354	0.088	29	0.00916	308
400	0.00108	28	0.25341	88	0.01207	306	3357.2	352	0.117	30	0.01224	310
500	0.00136	28	0.25429	88	0.01513	307	3322.0	350	0.147	30	0.01534	312
600	0.00164	29	0.25517	90	0.01820	309	3287.0	348	0.177	30	0.01846	313
700	0.00193	29	0.25607	90	0.02129	310	3252.2	346	0.207	31	0.02159	314
800	0.00222	30	0.25697	91	0.02439	311	3217.6	344	0.238	31	0.02473	316
900	0.00252	30	0.25788	92	0.02750	313	3183.2	342	0.269	32	0.02789	318
1000	0.00282	30	0.25880	94	0.03063	315	3149.0	340	0.301	32	0.03107	318
1100	0.00312	31	0.25974	94	0.03378	316	3115.0	339	0.333	32	0.03425	319
1200	0.00343	31	0.26068	95	0.03694	317	3081.1	336	0.365	33	0.03744	320
1300	0.00374	32	0.26163	96	0.04011	319	3047.5	334	0.398	33	0.04064	322
1400	0.00406	33	0.26259	97	0.04330	321	3014.1	332	0.431	33	0.04386	325
1500	0.00439	33	0.26356	97	0.04651	322	2980.9	330	0.464	34	0.04711	327
1600	0.00472	33	0.26453	98	0.04973	324	2947.9	328	0.498	34	0.05038	330
1700	0.00505	34	0.26551	99	0.05297	325	2915.1	326	0.532	35	0.05368	331
1800	0.00539	34	0.26650	100	0.05622	327	2882.5	323	0.567	35	0.05699	333
1900	0.00573	35	0.26750	100	0.05949	329	2850.2	322	0.602	35	0.06032	335
2000	0.00608	35	0.26850	101	0.06278	330	2818.0	319	0.637	36	0.06367	338
2100	0.00643	36	0.26951	102	0.06608	332	2786.1	317	0.673	36	0.06705	340
2200	0.00679	37	0.27053	103	0.06940	334	2754.4	315	0.709	36	0.07045	342
2300	0.00716	37	0.27156	104	0.07274	336	2722.9	313	0.745	37	0.07387	344
2400	0.00753	38	0.27260	104	0.07610	337	2691.6	310	0.782	37	0.07731	347
2500	0.00791	38	0.27364	104	0.07947	339	2660.6	309	0.819	38	0.08078	349
2600	0.00829	39	0.27468	105	0.08286	341	2629.7	306	0.857	39	0.08427	351
2700	0.00868	39	0.27573	106	0.08627	343	2599.1	304	0.896	39	0.08778	354
2800	0.00907	40	0.27679	107	0.08970	344	2568.7	302	0.935	39	0.09132	356
2900	0.00947	41	0.27786	107	0.09313	345	2538.5	299	0.974	40	0.09488	358
3000	0.00988	41	0.27893	107	0.09658	347	2508.6	297	1.014	40	0.09846	360
3100	0.01029	42	0.28000	108	0.10005	348	2478.9	295	1.054	41	0.10206	362
3200	0.01071	43	0.28108	109	0.10353	350	2449.4	293	1.095	41	0.10568	364
3300	0.01114	44	0.28217	110	0.10703	351	2420.1	290	1.136	42	0.10932	368
3400	0.01158	44	0.28327	110	0.11054	352	2391.1	289	1.178	42	0.11300	370
3500	0.01202	45	0.28437	111	0.11406	353	2362.2	285	1.220	42	0.11670	373
3600	0.01247	46	0.28548	112	0.11759	354	2333.7	284	1.262	43	0.12043	375
3700	0.01293	47	0.28660	113	0.12113	355	2305.3	281	1.305	44	0.12418	378
3800	0.01340	47	0.28773	113	0.12468	356	2277.2	279	1.349	44	0.12796	381
3900	0.01387	48	0.28886	114	0.12824	358	2247.3	277	1.393	45	0.13177	384
4000	0.01435	49	0.29000	114	0.13182	359	2221.6	274	1.438	45	0.13561	386
4100	0.01484	50	0.29114	115	0.13541	360	2194.2	272	1.483	46	0.13947	389
4200	0.01534	51	0.29229	116	0.13901	361	2167.0	270	1.529	46	0.14336	391
4300	0.01585	52	0.29345	116	0.14262	362	2140.0	267	1.575	47	0.14727	394
4400	0.01637	52	0.29461	118	0.14624	363	2113.3	265	1.622	48	0.15121	397
4500	0.01689	53	0.29579	118	0.14987	364	2086.8	262	1.670	48	0.15518	400
4600	0.01742	55	0.29697	120	0.15351	365	2060.6	260	1.718	49	0.15918	402
4700	0.01797	55	0.29817	120	0.15716	366	2034.6	258	1.767	49	0.16320	408
4800	0.01852	57	0.29937	121	0.16082	368	2008.8	255	1.816	50	0.16725	405
4900	0.01909	57	0.30058	122	0.16450	370	1983.3	253	1.866	51	0.17133	410
5000	0.01966	59	0.30180	123	0.16820	371	1958.0	250	1.917	51	0.17543	413

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TABLE II. V=3,500 *f. s.*—Continued.

$Z-\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
5000	0.01966	59	0.30180	123	0.16820	371	1958.0	250	1.917	51	0.17543	413
5100	0.02025	59	0.30303	125	0.17191	372	1933.0	248	1.968	52	0.17956	416
5200	0.02084	61	0.30428	125	0.17563	373	1908.2	246	2.020	53	0.18372	418
5300	0.02145	62	0.30553	125	0.17936	373	1883.6	243	2.073	54	0.18790	421
5400	0.02207	62	0.30678	127	0.18309	374	1859.3	240	2.127	54	0.19211	424
5500	0.02269	64	0.30805	127	0.18683	375	1835.3	238	2.181	55	0.19635	427
5600	0.02333	66	0.30932	129	0.19058	376	1811.5	236	2.236	56	0.20062	429
5700	0.02399	66	0.31061	129	0.19434	377	1787.9	233	2.292	56	0.20491	432
5800	0.02465	68	0.31190	129	0.19811	378	1764.6	230	2.348	57	0.20923	435
5900	0.02533	69	0.31319	131	0.20189	379	1741.6	228	2.405	58	0.21358	438
6000	0.02602	70	0.31450	132	0.20568	380	1718.8	226	2.463	59	0.21796	440
6100	0.02672	72	0.31582	133	0.20948	381	1696.2	223	2.522	59	0.22236	443
6200	0.02744	73	0.31715	133	0.21329	381	1673.9	220	2.581	60	0.22679	446
6300	0.02817	74	0.31848	134	0.21710	381	1651.9	217	2.641	61	0.23125	449
6400	0.02891	76	0.31982	135	0.22091	381	1630.2	215	2.702	62	0.23574	451
6500	0.02967	77	0.32117	136	0.22472	380	1608.7	212	2.764	63	0.24025	454
6600	0.03044	79	0.32253	136	0.22852	380	1587.5	210	2.827	63	0.24479	457
6700	0.03123	80	0.32389	136	0.23232	380	1566.5	206	2.890	64	0.24936	459
6800	0.03203	82	0.32525	137	0.23612	380	1545.9	204	2.954	65	0.25395	462
6900	0.03285	84	0.32662	138	0.23992	379	1525.5	202	3.019	66	0.25857	465
7000	0.03369	85	0.32800	140	0.24371	378	1505.3	199	3.085	67	0.26322	469
7100	0.03454	87	0.32940	140	0.24749	377	1485.4	196	3.152	68	0.26791	471
7200	0.03541	89	0.33080	140	0.25126	376	1465.8	193	3.220	69	0.27262	473
7300	0.03630	90	0.33220	141	0.25502	376	1446.5	189	3.289	70	0.27735	476
7400	0.03720	92	0.33361	141	0.25878	375	1427.6	186	3.359	71	0.28211	479
7500	0.03812	94	0.33502	141	0.26253	375	1409.0	183	3.430	72	0.28690	481
7600	0.03906	96	0.33643	142	0.26628	374	1390.7	179	3.502	72	0.29171	484
7700	0.04002	98	0.33785	142	0.27002	373	1372.8	176	3.574	73	0.29655	486
7800	0.04100	99	0.33927	142	0.27375	371	1355.2	173	3.647	74	0.30141	488
7900	0.04199	101	0.34069	143	0.27746	369	1337.9	169	3.721	75	0.30629	491
8000	0.04300	104	0.34212	143	0.28115	366	1321.0	165	3.796	76	0.31120	496
8100	0.04404	106	0.34355	143	0.28481	363	1304.5	160	3.872	77	0.31616	499
8200	0.04510	108	0.34498	144	0.28844	359	1288.5	157	3.949	78	0.32115	500
8300	0.04618	110	0.34642	144	0.29203	355	1272.8	152	4.027	79	0.32615	502
8400	0.04728	112	0.34786	144	0.29558	351	1257.6	148	4.106	80	0.33117	504
8500	0.04840	115	0.34930	145	0.29909	346	1242.8	144	4.186	81	0.33621	505
8600	0.04955	117	0.35075	145	0.30255	341	1228.4	140	4.267	82	0.34126	507
8700	0.05072	119	0.35220	145	0.30596	335	1214.4	136	4.349	83	0.34633	510
8800	0.05191	121	0.35365	145	0.30931	328	1200.8	131	4.432	84	0.35143	513
8900	0.05312	124	0.35510	146	0.31259	321	1187.7	125	4.516	85	0.35656	515
9000	0.05436	126	0.35656	147	0.31580	312	1175.2	119	4.601	86	0.36171	518
9100	0.05562	129	0.35803	146	0.31892	304	1163.3	114	4.687	87	0.36689	519
9200	0.05691	131	0.35949	144	0.32196	295	1151.9	110	4.774	87	0.37208	521
9300	0.05822	134	0.36093	143	0.32491	285	1140.9	107	4.861	88	0.37729	522
9400	0.05956	136	0.36236	142	0.32776	275	1130.2	103	4.949	89	0.38251	522
9500	0.06092	138	0.36378	141	0.33051	266	1119.9	99	5.038	90	0.38773	522
9600	0.06230	141	0.36519	139	0.33317	257	1110.0	95	5.128	90	0.39295	523
9700	0.06371	143	0.36658	139	0.33574	247	1100.5	92	5.218	91	0.39818	524
9800	0.06514	146	0.36797	137	0.33821	237	1091.3	88	5.309	91	0.40342	524
9900	0.06660	149	0.36934	136	0.34058	228	1082.5	85	5.400	92	0.40866	525
10000	0.06809	151	0.37070	136	0.34286	218	1074.0	83	5.492	93	0.41391	525

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TABLE II. *V=3,500 f. s.*—Continued.

$Z=\frac{X}{C}$	*A*	Δ	*H*	Δ	*log B'*	Δ	*u*	Δ	*T'*	Δ	*log Q*	Δ
10000	0.06809	151	0.37070	136	0.34286	218	1074.0	83	5.492	93	0.41361	525
10100	0.06960	154	0.37206	136	0.34504	209	1065.7	81	5.585	94	0.41916	524
10200	0.07114	157	0.37342	135	0.34713	199	1057.6	78	5.679	95	0.42440	523
10300	0.07271	159	0.37477	133	0.34912	190	1049.8	76	5.774	96	0.42963	521
10400	0.07430	162	0.37610	131	0.35102	182	1042.2	74	5.870	96	0.43484	519
10500	0.07592	164	0.37741	128	0.35284	173	1034.8	72	5.966	97	0.44003	517
10600	0.07756	167	0.37869	127	0.35457	165	1027.6	70	6.063	97	0.44520	516
10700	0.07923	169	0.37996	124	0.35622	157	1020.6	68	6.160	98	0.45036	514
10800	0.08092	172	0.38120	123	0.35779	149	1013.8	65	6.258	99	0.45550	512
10900	0.08264	175	0.38243	121	0.35928	142	1007.3	63	6.357	100	0.46062	511
11000	0.08439	177	0.38364	120	0.36070	135	1001.0	62	6.457	100	0.46573	510
11100	0.08616	180	0.38484	118	0.36205	128	994.8	61	6.557	101	0.47083	509
11200	0.08796	183	0.38602	116	0.36333	121	988.7	60	6.658	101	0.47592	508
11300	0.08979	185	0.38718	113	0.36454	114	982.7	59	6.759	102	0.48100	504
11400	0.09164	188	0.38831	112	0.36568	107	976.8	57	6.861	103	0.48604	502
11500	0.09352	191	0.38943	109	0.36675	101	971.1	57	6.964	103	0.49106	499
11600	0.09543	193	0.39052	107	0.36776	95	965.4	55	7.067	104	0.49605	497
11700	0.09736	196	0.39159	105	0.36871	90	959.9	54	7.171	104	0.50102	495
11800	0.09932	198	0.39264	103	0.36961	85	954.5	53	7.275	105	0.50597	492
11900	0.10130	201	0.39367	100	0.37046	80	949.2	53	7.380	106	0.51089	489
12000	0.10331	204	0.39467	98	0.37126	75	943.9	52	7.486	106	0.51578	488
12100	0.10535	206	0.39565	96	0.37201	71	938.7	52	7.592	107	0.52066	486
12200	0.10741	209	0.39661	94	0.37272	67	933.5	51	7.699	107	0.52552	483
12300	0.10950	212	0.39755	91	0.37339	63	928.4	51	7.806	108	0.53035	480
12400	0.11162	214	0.39846	90	0.37402	59	923.3	51	7.914	109	0.53515	477
12500	0.11376	217	0.39936	87	0.37461	56	918.2	49	8.023	109	0.53992	474
12600	0.11593	220	0.40023	85	0.37517	53	913.3	49	8.132	110	0.54466	472
12700	0.11813	222	0.40108	83	0.37570	50	908.4	49	8.242	110	0.54938	469
12800	0.12035	225	0.40191	81	0.37620	48	903.5	48	8.352	111	0.55407	467
12900	0.12260	228	0.40272	78	0.37668	46	898.7	47	8.463	112	0.55874	463
13000	0.12488	230	0.40350	76	0.37714	43	894.0	47	8.575	112	0.56337	460
13100	0.12718	233	0.40426	73	0.37757	41	889.3	46	8.687	113	0.56797	457
13200	0.12951	236	0.40499	71	0.37798	39	884.7	46	8.800	113	0.57254	455
13300	0.13187	238	0.40570	70	0.37837	37	880.1	46	8.913	114	0.57709	453
13400	0.13425	241	0.40640	68	0.37874	35	875.5	45	9.027	115	0.58162	450
13500	0.13666	244	0.40708	66	0.37909	33	871.0	45	9.142	115	0.58611	447
13600	0.13910	246	0.40774	64	0.37942	32	866.5	44	9.257	116	0.59058	444
13700	0.14156	249	0.40838	62	0.37974	30	862.1	43	9.373	116	0.59503	441
13800	0.14405	252	0.40900	61	0.38004	29	857.8	43	9.489	117	0.59944	439
13900	0.14657	254	0.40961	59	0.38033	28	853.5	43	9.606	117	0.60383	436
14000	0.14911	257	0.41020	56	0.38061	26	849.2	42	9.723	118	0.60819	434
14100	0.15168	260	0.41076	54	0.38087	25	845.0	42	9.841	119	0.61253	431
14200	0.15428	263	0.41130	53	0.38112	23	840.8	42	9.960	119	0.61684	428
14300	0.15691	266	0.41183	51	0.38135	22	836.6	41	10.079	120	0.62112	426
14400	0.15957	268	0.41234	50	0.38157	21	832.5	41	10.199	120	0.62538	424
14500	0.16225	271	0.41284	49	0.38178	20	828.4	40	10.319	121	0.62962	421
14600	0.16496	274	0.41333	47	0.38198	20	824.4	40	10.440	122	0.63383	418
14700	0.16770	276	0.41380	46	0.38218	19	820.4	40	10.562	123	0.63801	416
14800	0.17046	279	0.41426	45	0.38237	19	816.4	39	10.685	123	0.64217	414
14900	0.17325	282	0.41471	43	0.38356	18	812.5	39	10.808	124	0.64631	411
15000	0.17607	285	0.41514	41	0.38274	18	808.6	39	10.932	124	0.65042	408

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TABLE II. $V=3{,}500$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	v	Δ	T'	Δ	$\log Q$	Δ
15000	0.17607	285	0.41514	41	0.38274	18	808.6	39	10.932	124	0.65042	408
15100	0.17892	288	0.41555	39	0.38292	17	804.7	39	11.056	125	0.65450	405
15200	0.18180	290	0.41594	38	0.38309	17	800.8	38	11.181	125	0.65855	403
15300	0.18470	293	0.41632	38	0.38326	16	797.0	38	11.306	125	0.66258	401
15400	0.18763	296	0.41670	36	0.38342	15	793.2	38	11.431	126	0.66659	399
15500	0.19059	299	0.41706	35	0.38357	15	789.4	37	11.557	127	0.67058	396
15600	0.19358	302	0.41741	33	0.38372	14	785.7	37	11.684	127	0.67454	394
15700	0.19660	304	0.41774	33	0.38386	14	782.0	37	11.811	128	0.67848	392
15800	0.19964	307	0.41807	32	0.38400	14	778.3	37	11.939	129	0.68240	390
15900	0.20271	310	0.41839	30	0.38414	13	774.6	36	12.068	129	0.68630	387
16000	0.20581	313	0.41869	27	0.38427	13	771.0	36	12.197	130	0.69017	384
16100	0.20894	316	0.41896	26	0.38440	13	767.4	36	12.327	131	0.69401	382
16200	0.21210	319	0.41922	25	0.38453	13	763.8	36	12.458	131	0.69783	380
16300	0.21529	322	0.41947	25	0.38466	13	760.2	36	12.589	132	0.70163	379
16400	0.21851	325	0.41972	24	0.38479	14	756.6	36	12.721	133	0.70542	376
16500	0.22176	328	0.41996	24	0.38493	14	753.0	35	12.854	133	0.70918	374
16600	0.22504	330	0.42020	23	0.38507	14	749.5	35	12.987	134	0.71292	373
16700	0.22834	333	0.42043	23	0.38521	14	746.0	35	13.121	134	0.71665	371
16800	0.23167	336	0.42066	22	0.38535	14	742.5	34	13.255	135	0.72036	369
16900	0.23503	339	0.42088	22	0.38549	14	739.1	35	13.390	135	0.72405	366
17000	0.23842	342	0.42110	20	0.38563	14	735.6	35	13.525	136	0.72771	364
17100	0.24184	345	0.42130	17	0.38577	14	732.1	34	13.661	137	0.73135	362
17200	0.24529	348	0.42147	17	0.38591	14	728.7	34	13.798	137	0.73497	360
17300	0.24877	351	0.42164	17	0.38605	15	725.3	34	13.935	138	0.73857	359
17400	0.25228	354	0.42181	16	0.38620	15	721.9	33	14.073	139	0.74216	357
17500	0.25582	358	0.42197	16	0.38635	16	718.6	34	14.212	140	0.74573	355
17600	0.25940	361	0.42213	16	0.38651	16	715.2	33	14.352	141	0.74928	354
17700	0.26301	364	0.42229	16	0.38667	17	711.9	33	14.493	141	0.75282	352
17800	0.26665	367	0.42245	15	0.38684	17	708.6	33	14.634	142	0.75634	350
17900	0.27032	370	0.42260	15	0.38701	18	705.3	33	14.776	142	0.75984	349
18000	0.27402	373	0.42275	14	0.38719	18	702.0	33	14.918	143	0.76333	346
18100	0.27775	376	0.42289	13	0.38737	19	698.7	32	15.061	143	0.76679	344
18200	0.28151	379	0.42302	13	0.38756	19	695.5	33	15.204	144	0.77023	343
18300	0.28530	382	0.42315	13	0.38775	20	692.2	33	15.348	144	0.77366	341
18400	0.28912	385	0.42328	13	0.38795	20	688.9	32	15.492	145	0.77707	340
18500	0.29297	389	0.42341	13	0.38815	20	685.7	31	15.637	146	0.78047	339
18600	0.29686	392	0.42354	12	0.38835	21	682.6	32	15.783	147	0.78386	337
18700	0.30078	395	0.42366	12	0.38856	22	679.4	31	15.930	148	0.78723	335
18800	0.30473	399	0.42378	12	0.38878	22	676.3	32	16.078	149	0.79058	334
18900	0.30872	402	0.42390	12	0.38900	22	673.1	31	16.227	149	0.79392	332
19000	0.31274	404	0.42402	11	0.38922	23	670.0	31	16.376	149	0.79724	331
19100	0.31678	408	0.42413	11	0.38945	23	666.9	31	16.525	149	0.80055	329
19200	0.32086	411	0.42424	11	0.38968	24	663.8	30	16.674	151	0.80384	328
19300	0.32497	415	0.42435	11	0.38992	25	660.8	30	16.825	151	0.80712	326
19400	0.32912	419	0.42446	11	0.39017	25	657.8	30	16.976	152	0.81038	325
19500	0.33331	421	0.42457	11	0.39042	26	654.8	30	17.128	153	0.81363	324
19600	0.33752	425	0.42468	11	0.39068	27	651.8	30	17.281	153	0.81687	323
19700	0.34177	429	0.42479	11	0.39095	27	648.8	30	17.434	155	0.82010	322
19800	0.34606	434	0.42490	11	0.39122	28	645.8	29	17.589	155	0.82332	320
19900	0.35038	436	0.42501	9	0.39150	28	642.9	29	17.744	156	0.82652	319
20000	0.35474	440	0.42510	9	0.39178	29	640.0	29	17.900	157	0.82971	317

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TABLE II. $V=3{,}600$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	log B'	Δ	u	Δ	T'	Δ	log Q	Δ
0	0.00000	25	0.25000	82	0.00000	296	3600.0	366	0.000	29	0.00000	291
100	0.00025	25	0.25082	82	0.00296	298	3563.4	364	0.029	28	0.00291	294
200	0.00050	26	0.25164	84	0.00594	298	3527.0	362	0.057	28	0.00585	296
300	0.00076	26	0.25248	85	0.00892	300	3490.8	360	0.085	28	0.00881	297
400	0.00102	26	0.25333	86	0.01192	302	3454.8	358	0.113	29	0.01178	300
500	0.00128	27	0.25419	86	0.01494	303	3419.0	356	0.142	29	0.01478	302
600	0.00155	27	0.25505	87	0.01797	304	3383.4	354	0.171	30	0.01780	305
700	0.00182	28	0.25592	88	0.02101	306	3348.0	352	0.201	30	0.02085	306
800	0.00210	28	0.25680	90	0.02407	308	3312.8	350	0.231	30	0.02391	308
900	0.00238	28	0.25770	90	0.02715	309	3277.8	348	0.261	31	0.02699	311
1000	0.00266	29	0.25860	91	0.03024	310	3243.0	346	0.292	31	0.03010	313
1100	0.00295	29	0.25951	91	0.03334	312	3208.4	344	0.323	31	0.03323	316
1200	0.00324	30	0.26042	92	0.03646	313	3174.0	342	0.354	32	0.03639	318
1300	0.00354	30	0.26134	93	0.03959	314	3139.8	340	0.386	32	0.03957	320
1400	0.00384	30	0.26227	94	0.04273	316	3105.8	338	0.418	32	0.04277	322
1500	0.00414	31	0.26321	95	0.04589	318	3072.0	336	0.450	33	0.04599	324
1600	0.00445	31	0.26416	96	0.04907	319	3038.4	334	0.483	33	0.04923	327
1700	0.00476	32	0.26512	97	0.05226	321	3005.0	332	0.516	34	0.05250	329
1800	0.00508	32	0.26609	97	0.05547	323	2971.8	330	0.550	34	0.05579	331
1900	0.00540	33	0.26706	99	0.05870	325	2938.8	328	0.584	34	0.05910	334
2000	0.00573	34	0.26805	101	0.06195	326	2906.0	326	0.618	35	0.06244	336
2100	0.00607	34	0.26906	101	0.06521	327	2873.4	324	0.653	35	0.06580	338
2200	0.00641	34	0.27007	103	0.06848	329	2841.0	321	0.688	36	0.06918	341
2300	0.00675	35	0.27110	103	0.07177	331	2808.9	319	0.724	36	0.07259	343
2400	0.00710	35	0.27213	103	0.07508	333	2777.0	317	0.760	36	0.07602	345
2500	0.00745	36	0.27316	104	0.07841	335	2745.3	315	0.796	37	0.07947	347
2600	0.00781	37	0.27420	105	0.08176	336	2713.8	313	0.833	37	0.08294	349
2700	0.00818	37	0.27525	105	0.08512	337	2682.5	311	0.870	37	0.08643	352
2800	0.00855	38	0.27630	106	0.08849	339	2651.4	308	0.907	38	0.08995	354
2900	0.00893	38	0.27736	107	0.09188	341	2620.6	306	0.945	38	0.09349	356
3000	0.00931	39	0.27843	107	0.09529	343	2590.0	303	0.983	39	0.09705	357
3100	0.00970	39	0.27950	107	0.09872	345	2559.7	301	1.022	39	0.10062	359
3200	0.01009	40	0.28057	108	0.10217	346	2529.6	299	1.061	40	0.10421	362
3300	0.01049	41	0.28165	109	0.10563	347	2499.7	297	1.101	40	0.10783	364
3400	0.01090	42	0.28274	110	0.10910	348	2470.0	294	1.141	41	0.11147	367
3500	0.01132	42	0.28384	110	0.11258	349	2440.6	292	1.182	41	0.11514	369
3600	0.01174	43	0.28494	111	0.11607	350	2411.4	289	1.223	42	0.11883	371
3700	0.01217	44	0.28605	112	0.11957	352	2382.5	287	1.265	42	0.12254	374
3800	0.01261	45	0.28717	113	0.12309	353	2353.8	285	1.307	42	0.12628	376
3900	0.01306	45	0.28830	113	0.12662	354	2325.3	283	1.349	43	0.13004	378
4000	0.01351	46	0.28943	114	0.13016	355	2297.0	281	1.392	44	0.13382	379
4100	0.01397	47	0.29057	115	0.13371	357	2268.9	278	1.436	44	0.13761	382
4200	0.01444	48	0.29172	116	0.13728	358	2241.1	276	1.480	45	0.14143	384
4300	0.01492	48	0.29288	117	0.14086	359	2213.5	273	1.525	46	0.14527	387
4400	0.01530	49	0.29405	117	0.14445	360	2186.2	271	1.571	46	0.14914	390
4500	0.01589	50	0.29522	118	0.14805	362	2159.1	269	1.617	47	0.15304	393
4600	0.01639	51	0.29640	119	0.15167	363	2132.2	267	1.664	47	0.15697	395
4700	0.01690	52	0.29759	120	0.15530	364	2105.5	264	1.711	48	0.16092	398
4800	0.01742	53	0.29879	120	0.15894	365	2079.1	262	1.759	48	0.16490	401
4900	0.01795	53	0.29999	121	0.16259	366	2052.9	259	1.807	49	0.16891	404
5000	0.01848	55	0.30120	122	0.16625	367	2027.0	257	1.856	50	0.17295	406

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TABLE II. $V=3{,}600$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
5000	0.01848	55	0.30120	122	0.16625	367	2027.0	257	1.856	50	0.17295	406
5100	0.01903	55	0.30242	123	0.16992	368	2001.3	255	1.906	50	0.17701	409
5200	0.01958	57	0.30365	123	0.17360	369	1975.8	252	1.956	51	0.18110	412
5300	0.02015	58	0.30488	124	0.17729	370	1950.6	250	2.007	52	0.18522	414
5400	0.02073	59	0.30612	125	0.18099	371	1925.6	247	2.059	52	0.18936	417
5500	0.02132	60	0.30737	126	0.18470	372	1900.9	245	2.111	53	0.19353	420
5600	0.02192	61	0.30863	126	0.18842	374	1876.4	242	2.164	54	0.19773	423
5700	0.02253	61	0.30989	127	0.19216	375	1852.2	240	2.218	54	0.20196	426
5800	0.02314	63	0.31116	127	0.19591	376	1828.2	237	2.272	55	0.20622	429
5900	0.02377	65	0.31243	129	0.19967	377	1804.5	235	2.327	55	0.21051	432
6000	0.02442	66	0.31372	130	0.20343	377	1781.0	232	2.382	56	0.21483	434
6100	0.02508	67	0.31502	130	0.20720	378	1757.8	229	2.438	57	0.21917	437
6200	0.02575	68	0.31632	131	0.21098	379	1734.9	227	2.495	58	0.22354	440
6300	0.02643	69	0.31763	131	0.21477	380	1712.2	224	2.553	59	0.22794	443
6400	0.02712	71	0.31894	133	0.21857	381	1689.8	222	2.612	60	0.23237	446
6500	0.02783	72	0.32027	133	0.22238	381	1667.6	219	2.672	61	0.23683	448
6600	0.02855	73	0.32160	133	0.22619	381	1645.7	216	2.733	62	0.24131	451
6700	0.02928	75	0.32293	135	0.23000	381	1624.1	213	2.795	62	0.24582	454
6800	0.03003	77	0.32428	135	0.23381	380	1602.8	210	2.857	63	0.25036	457
6900	0.03080	78	0.32563	136	0.23761	380	1581.8	208	2.920	64	0.25493	460
7000	0.03158	79	0.32699	137	0.24141	379	1561.0	206	2.984	64	0.25953	463
7100	0.03237	81	0.32836	138	0.24520	378	1540.4	203	3.048	65	0.26416	465
7200	0.03318	83	0.32974	138	0.24898	378	1520.1	200	3.113	66	0.26881	468
7300	0.03401	84	0.33112	139	0.25276	377	1500.1	196	3.179	67	0.27349	470
7400	0.03485	86	0.33251	140	0.25653	377	1480.5	193	3.246	68	0.27819	473
7500	0.03571	87	0.33391	140	0.26030	376	1461.2	191	3.314	69	0.28292	476
7600	0.03658	89	0.33531	141	0.26406	376	1442.1	188	3.383	70	0.28768	479
7700	0.03747	91	0.33672	141	0.26782	376	1423.3	184	3.453	71	0.29247	481
7800	0.03838	93	0.33813	142	0.27158	375	1404.9	181	3.524	72	0.29728	484
7900	0.03931	95	0.33955	143	0.27533	374	1386.8	178	3.596	73	0.30212	488
8000	0.04026	97	0.34098	144	0.27907	372	1369.0	176	3.669	74	0.30700	492
8100	0.04123	99	0.34242	145	0.28279	370	1351.4	172	3.743	74	0.31192	495
8200	0.04222	100	0.34387	146	0.28649	368	1334.2	168	3.817	75	0.31687	498
8300	0.04322	102	0.34533	145	0.29017	365	1317.4	164	3.892	76	0.32185	499
8400	0.04424	105	0.34678	146	0.29382	362	1301.0	160	3.968	77	0.32684	501
8500	0.04529	107	0.34824	145	0.29744	358	1285.0	156	4.045	78	0.33185	503
8600	0.04636	109	0.34969	146	0.30102	354	1269.4	152	4.123	79	0.33688	505
8700	0.04745	111	0.35115	146	0.30456	349	1254.2	149	4.202	80	0.34193	509
8800	0.04856	113	0.35261	146	0.30805	344	1239.3	144	4.282	81	0.34702	512
8900	0.04969	115	0.35407	146	0.31149	339	1224.9	137	4.363	82	0.35214	515
9000	0.05084	118	0.35553	149	0.31488	333	1211.2	131	4.445	83	0.35729	517
9100	0.05202	120	0.35702	147	0.31821	326	1198.1	126	4.528	84	0.36246	519
9200	0.05322	123	0.35849	147	0.32147	319	1185.5	122	4.612	85	0.36765	520
9300	0.05445	125	0.35996	146	0.32466	311	1173.3	118	4.697	86	0.37285	520
9400	0.05570	127	0.36142	145	0.32777	302	1161.5	114	4.783	87	0.37805	521
9500	0.05697	130	0.36287	144	0.33079	293	1150.1	110	4.870	88	0.38326	521
9600	0.05827	132	0.36431	143	0.33372	283	1139.1	106	4.958	89	0.38847	521
9700	0.05959	134	0.36574	142	0.33655	274	1128.5	102	5.047	89	0.39368	522
9800	0.06093	137	0.36716	142	0.33929	263	1118.3	98	5.136	90	0.39890	523
9900	0.06230	140	0.36858	141	0.34192	254	1108.5	95	5.226	90	0.40413	523
10000	0.06370	142	0.36999	141	0.34446	244	1099.0	92	5.316	92	0.40936	524

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TABLE II. $V=3{,}600$ *f. s.*—Continued.

$Z=\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
10000	0.06370	142	0.36999	141	0.34446	244	1099.0	92	5.316	92	0.40936	524
10100	0.06512	145	0.37140	141	0.34690	235	1089.8	89	5.408	92	0.41460	525
10200	0.06657	147	0.37281	141	0.34925	225	1080.9	86	5.500	93	0.41985	523
10300	0.06804	150	0.37422	138	0.35150	216	1072.3	84	5.593	93	0.42511	525
10400	0.06954	152	0.37560	136	0.35366	207	1063.9	81	5.686	94	0.43036	524
10500	0.07106	155	0.37696	134	0.35573	198	1055.8	79	5.780	95	0.43560	523
10600	0.07261	157	0.37830	132	0.35771	189	1047.9	76	5.875	95	0.44083	523
10700	0.07418	160	0.37962	130	0.35960	180	1040.3	74	5.970	96	0.44606	523
10800	0.07578	162	0.38092	129	0.36140	171	1032.9	71	6.066	97	0.45129	522
10900	0.07740	165	0.38221	127	0.36311	162	1025.8	68	6.163	98	0.45651	522
11000	0.07905	168	0.38348	126	0.36473	154	1019.0	66	6.261	99	0.46173	522
11100	0.08073	171	0.38474	124	0.36627	146	1012.4	65	6.360	99	0.46695	520
11200	0.08244	173	0.38598	122	0.36773	139	1005.9	64	6.459	100	0.47215	517
11300	0.08417	176	0.38720	120	0.36912	132	999.5	62	6.559	100	0.47732	515
11400	0.08593	178	0.38840	118	0.37044	125	993.3	61	6.659	101	0.48247	512
11500	0.08771	181	0.38958	115	0.37169	118	987.2	59	6.760	102	0.48759	510
11600	0.08952	184	0.39073	113	0.37287	112	981.3	58	6.862	102	0.49269	508
11700	0.09136	186	0.39186	111	0.37399	106	975.5	56	6.964	103	0.49777	505
11800	0.09322	188	0.39297	109	0.37505	100	969.9	55	7.067	103	0.50282	503
11900	0.09510	191	0.39406	107	0.37605	94	964.4	54	7.170	104	0.50785	501
12000	0.09701	194	0.39513	104	0.37699	88	959.0	55	7.274	104	0.51286	499
12100	0.09895	196	0.39617	102	0.37787	83	953.5	55	7.378	105	0.51785	497
12200	0.10091	199	0.39719	99	0.37870	78	948.0	54	7.483	106	0.52282	494
12300	0.10290	202	0.39818	98	0.37948	73	942.6	53	7.589	107	0.52776	492
12400	0.10492	204	0.39916	96	0.38021	69	937.3	52	7.696	107	0.53268	489
12500	0.10696	207	0.40012	94	0.38090	65	932.1	52	7.803	108	0.53757	486
12600	0.10903	210	0.40106	91	0.38155	61	926.9	51	7.911	108	0.54243	483
12700	0.11113	212	0.40197	89	0.38216	58	921.8	50	8.019	109	0.54726	481
12800	0.11325	215	0.40286	88	0.38274	55	916.8	49	8.128	109	0.55207	478
12900	0.11540	218	0.40374	85	0.38329	52	911.9	49	8.237	110	0.55685	476
13000	0.11758	220	0.40459	82	0.38381	49	907.0	48	8.347	110	0.56161	473
13100	0.11978	223	0.40541	80	0.38430	46	902.2	48	8.457	111	0.56634	471
13200	0.12201	226	0.40621	79	0.38476	43	897.4	47	8.568	112	0.57105	468
13300	0.12427	228	0.40700	77	0.38519	41	892.7	47	8.680	112	0.57573	465
13400	0.12655	231	0.40777	75	0.38560	39	888.0	46	8.792	113	0.58038	462
13500	0.12886	233	0.40852	73	0.38599	37	883.4	46	8.905	113	0.58500	459
13600	0.13119	236	0.40925	71	0.38636	35	878.8	45	9.018	114	0.58959	457
13700	0.13355	239	0.40996	69	0.38671	34	874.3	45	9.132	115	0.59416	454
13800	0.13594	241	0.41065	68	0.38705	32	869.8	44	9.247	115	0.59870	452
13900	0.13835	244	0.41133	66	0.38737	30	865.4	44	9.362	116	0.60322	449
14000	0.14079	247	0.41199	63	0.38767	28	861.0	43	9.478	117	0.60771	446
14100	0.14326	250	0.41262	61	0.38795	27	856.7	43	9.595	117	0.61217	443
14200	0.14576	252	0.41323	59	0.38822	25	852.4	43	9.712	118	0.61660	440
14300	0.14828	255	0.41382	58	0.38847	23	848.1	42	9.830	118	0.62100	438
14400	0.15083	258	0.41440	57	0.38870	22	843.9	42	9.948	119	0.62538	435
14500	0.15341	261	0.41497	54	0.38892	21	839.7	41	10.067	119	0.62973	433
14600	0.15602	263	0.41551	53	0.38913	21	835.6	41	10.186	120	0.63406	431
14700	0.15865	266	0.41604	52	0.38934	20	831.5	41	10.306	121	0.63837	428
14800	0.16131	268	0.41656	50	0.38954	19	827.4	40	10.427	121	0.64265	425
14900	0.16399	271	0.41706	47	0.38973	18	823.4	40	10.548	122	0.64690	422
15000	0.16670	274	0.41753	44	0.38991	18	819.4	40	10.670	123	0.65112	419

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TABLE II. $V=3{,}600$ *f. s.*—Continued.

$Z-\frac{X}{C}$	A	Δ	H	Δ	$\log B'$	Δ	u	Δ	T'	Δ	$\log Q$	Δ
15000	0.16670	274	0.41753	44	0.38991	18	819.4	40	10.670	123	0.65112	419
15100	0.16944	277	0.41797	43	0.39009	17	815.4	39	10.793	123	0.65531	416
15200	0.17221	280	0.41840	41	0.39026	16	811.5	39	10.916	124	0.65947	414
15300	0.17501	283	0.41881	41	0.39042	15	807.6	39	11.040	124	0.66361	412
15400	0.17784	285	0.41922	40	0.39057	15	803.7	39	11.164	125	0.66773	409
15500	0.18069	288	0.41962	38	0.39072	14	799.8	38	11.289	125	0.67182	407
15600	0.18357	291	0.42000	37	0.39086	14	796.0	38	11.414	126	0.67589	405
15700	0.18648	294	0.42037	37	0.39100	13	792.2	38	11.540	126	0.67994	403
15800	0.18942	296	0.42074	35	0.39113	13	788.4	37	11.666	127	0.68397	401
15900	0.19238	299	0.42109	34	0.39126	12	784.7	37	11.793	128	0.68798	398
16000	0.19537	302	0.42143	32	0.39138	12	781.0	37	11.921	128	0.69196	395
16100	0.19839	305	0.42175	31	0.39150	12	777.3	37	12.049	129	0.69591	393
16200	0.20144	308	0.42206	30	0.39162	11	773.6	37	12.178	129	0.69984	391
16300	0.20452	311	0.42236	29	0.39173	11	769.9	36	12.307	130	0.70375	389
16400	0.20763	314	0.42265	29	0.39184	11	766.3	36	12.437	131	0.70764	387
16500	0.21077	316	0.42294	27	0.39195	12	762.7	36	12.568	132	0.71151	385
16600	0.21393	319	0.42321	27	0.39207	11	759.1	36	12.700	132	0.71536	383
16700	0.21712	322	0.42348	26	0.39218	11	755.5	35	12.832	133	0.71919	380
16800	0.22034	325	0.42374	26	0.39229	11	752.0	35	12.965	133	0.72299	379
16900	0.22359	328	0.42400	24	0.39240	11	748.5	35	13.098	134	0.72678	377
17000	0.22687	331	0.42424	23	0.39251	11	745.0	35	13.232	134	0.73055	374
17100	0.23018	334	0.42447	22	0.39262	12	741.5	35	13.366	135	0.73429	372
17200	0.23352	337	0.42469	21	0.39274	12	738.0	34	13.501	136	0.73801	370
17300	0.23680	340	0.42490	21	0.39286	12	734.6	34	13.637	137	0.74171	369
17400	0.24029	343	0.42511	20	0.39298	12	731.2	34	13.774	137	0.74540	366
17500	0.24372	346	0.42531	19	0.39310	13	727.8	34	13.911	138	0.74905	365
17600	0.24718	349	0.42550	19	0.39323	13	724.4	34	14.049	138	0.75271	363
17700	0.25067	352	0.42569	19	0.39336	13	721.0	34	14.187	139	0.75634	361
17800	0.25419	355	0.42588	18	0.39349	14	717.6	33	14.326	140	0.75995	359
17900	0.25774	358	0.42606	17	0.39363	14	714.3	33	14.466	140	0.76354	358
18000	0.26132	361	0.42623	16	0.39377	15	711.0	33	14.606	140	0.76712	355
18100	0.26493	364	0.42639	16	0.39392	15	707.7	32	14.746	141	0.77067	353
18200	0.26857	367	0.42655	15	0.39407	16	704.5	32	14.887	142	0.77420	351
18300	0.27224	370	0.42670	15	0.39423	17	701.3	32	15.029	143	0.77771	350
18400	0.27594	373	0.42685	14	0.39440	17	698.1	32	15.172	144	0.78121	349
18500	0.27967	377	0.42699	14	0.39457	17	694.9	32	15.316	145	0.78470	347
18600	0.28344	380	0.42713	13	0.39474	18	691.7	32	15.461	145	0.78817	345
18700	0.28724	383	0.42726	13	0.39492	18	688.5	32	15.606	146	0.79162	343
18800	0.29107	386	0.42739	13	0.39510	18	685.3	32	15.752	147	0.79505	342
18900	0.29493	389	0.42752	11	0.39528	19	682.1	31	15.899	147	0.79847	341
19000	0.29882	392	0.42763	10	0.39547	20	679.0	32	16.046	148	0.80188	338
19100	0.30274	394	0.42773	10	0.39567	20	675.8	31	16.194	148	0.80526	336
19200	0.30668	399	0.42783	9	0.39587	21	672.7	31	16.342	148	0.80862	335
19300	0.31067	402	0.42792	9	0.39608	22	669.6	31	16.490	149	0.81197	334
19400	0.31469	405	0.42801	9	0.39630	22	666.5	31	16.639	151	0.81531	333
19500	0.31874	409	0.42810	9	0.39652	22	663.4	31	16.790	151	0.81864	331
19600	0.32283	412	0.42819	8	0.39674	23	660.3	31	16.941	151	0.82195	330
19700	0.32695	416	0.42827	9	0.39697	24	657.2	31	17.092	153	0.82525	329
19800	0.33111	419	0.42836	8	0.39721	24	654.1	31	17.245	153	0.82854	327
19900	0.33530	423	0.42844	8	0.39745	25	651.0	30	17.398	154	0.83181	326
20000	0.33953	425	0.42852	8	0.39770	25	648.0	30	17.552	155	0.83507	324

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TABLE III. *Values of δ'/δ for temperature and pressure of atmosphere 78 per cent saturated with moisture. (From Artillery Note No. 25.)*

Thermometer, F.°	Barometer.				Thermometer, F.°	Barometer.			
	28″	29″	30″	31″		28″	29″	30″	31″
−20	0.890	0.861	0.831	0.806	41	1.017	0.982	0.951	0.919
−19	0.892	0.863	0.833	0.808	42	1.019	0.984	0.953	0.921
−18	0.894	0.864	0.835	0.809	43	1.021	0.987	0.955	0.923
−17	0.896	0.866	0.837	0.811	44	1.023	0.989	0.957	0.925
−16	0.898	0.868	0.839	0.813	45	1.026	0.991	0.959	0.927
−15	0.901	0.870	0.841	0.815	46	1.028	0.993	0.961	0.929
−14	0.903	0.872	0.843	0.816	47	1.030	0.995	0.963	0.931
−13	0.905	0.874	0.845	0.818	48	1.033	0.997	0.964	0.933
−12	0.907	0.876	0.847	0.820	49	1.035	0.999	0.966	0.935
−11	0.910	0.878	0.848	0.822	50	1.037	1.002	0.968	0.937
−10	0.912	0.880	0.850	0.824	51	1.040	1.004	0.970	0.939
− 9	0.914	0.881	0.852	0.826	52	1.042	1.006	0.972	0.941
− 8	0.916	0.883	0.854	0.827	53	1.044	1.008	0.974	0.943
− 7	0.918	0.885	0.856	0.829	54	1.046	1.010	0.976	0.945
− 6	0.920	0.887	0.858	0.831	55	1.048	1.012	0.978	0.947
− 5	0.922	0.889	0.860	0.833	56	1.050	1.014	0.980	0.949
− 4	0.924	0.891	0.862	0.835	57	1.053	1.016	0.982	0.951
− 3	0.926	0.893	0.864	0.836	58	1.055	1.018	0.984	0.952
− 2	0.928	0.895	0.866	0.838	59	1.057	1.020	0.986	0.954
− 1	0.930	0.897	0.868	0.840	60	1.059	1.022	0.988	0.956
0	0.932	0.899	0.870	0.842	61	1.062	1.025	0.990	0.958
1	0.934	0.901	0.871	0.844	62	1.064	1.027	0.992	0.960
2	0.936	0.903	0.873	0.845	63	1.066	1.029	0.994	0.962
3	0.938	0.905	0.876	0.847	64	1.068	1.031	0.996	0.964
4	0.940	0.907	0.878	0.849	65	1.071	1.033	0.998	0.966
5	0.942	0.909	0.880	0.851	66	1.073	1.035	1.001	0.968
6	0.944	0.911	0.881	0.853	67	1.075	1.037	1.003	0.970
7	0.946	0.913	0.883	0.855	68	1.078	1.040	1.005	0.973
8	0.948	0.915	0.885	0.856	69	1.080	1.042	1.007	0.975
9	0.950	0.917	0.887	0.858	70	1.082	1.044	1.009	0.977
10	0.952	0.919	0.889	0.860	71	1.085	1.046	1.011	0.979
11	0.954	0.921	0.890	0.862	72	1.087	1.048	1.013	0.981
12	0.956	0.923	0.892	0.864	73	1.089	1.050	1.015	0.983
13	0.958	0.925	0.894	0.866	74	1.092	1.053	1.017	0.985
14	0.960	0.927	0.897	0.867	75	1.094	1.055	1.019	0.987
15	0.962	0.929	0.899	0.869	76	1.096	1.057	1.022	0.989
16	0.964	0.931	0.901	0.871	77	1.099	1.059	1.025	0.992
17	0.966	0.933	0.903	0.873	78	1.101	1.062	1.027	0.994
18	0.968	0.935	0.905	0.875	79	1.104	1.064	1.029	0.996
19	0.971	0.937	0.907	0.877	80	1.106	1.066	1.031	0.998
20	0.973	0.939	0.909	0.879	81	1.109	1.068	1.033	1.000
21	0.975	0.941	0.911	0.881	82	1.111	1.071	1.035	1.002
22	0.977	0.943	0.912	0.883	83	1.114	1.074	1.038	1.005
23	0.979	0.945	0.914	0.885	84	1.116	1.076	1.041	1.007
24	0.981	0.947	0.916	0.887	85	1.119	1.079	1.043	1.009
25	0.983	0.949	0.918	0.888	86	1.121	1.081	1.045	1.011
26	0.985	0.951	0.920	0.890	87	1.124	1.083	1.047	1.013
27	0.987	0.953	0.922	0.892	88	1.126	1.086	1.049	1.016
28	0.990	0.955	0.924	0.894	89	1.129	1.089	1.052	1.018
29	0.992	0.958	0.926	0.896	90	1.131	1.092	1.055	1.020
30	0.994	0.960	0.928	0.898	91	1.134	1.094	1.057	1.022
31	0.996	0.962	0.930	0.899	92	1.136	1.096	1.059	1.025
32	0.998	0.964	0.932	0.902	93	1.139	1.099	1.062	1.027
33	1.000	0.966	0.934	0.903	94	1.142	1.102	1.064	1.029
34	1.003	0.968	0.936	0.906	95	1.144	1.105	1.066	1.031
35	1.005	0.970	0.938	0.907	96	1.147	1.107	1.068	1.033
36	1.007	0.972	0.940	0.909	97	1.149	1.110	1.071	1.035
37	1.009	0.974	0.943	0.911	98	1.152	1.112	1.074	1.037
38	1.011	0.976	0.945	0.913	99	1.155	1.115	1.076	1.040
39	1.013	0.978	0.947	0.915	100	1.157	1.117	1.079	1.042
40	1.015	0.980	0.949	0.917					

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TABLE IV. *Values of* $D_w = \frac{84}{Z}\left(\frac{VT\cos\Phi}{X} - 1\right)$ *degrees for use with the wind deflection formula.*

$$\left[\text{Deflection for } W \text{ miles per hour cross wind} = \frac{WZ}{V\cos\Phi} D_{o_w}.\right]$$

V / Z	200 °	400 °	600 °	800 °	1000 °	1200 °	1400 °	1600 °	1800 °
0000	.0020	.0020	.0020	.0020	.0026	.0044	.0054	.0055	.0055
1000	.0020	.0020	.0020	.0020	.0026	.0043	.0056	.0059	.0058
2000	.0020	.0020	.0020	.0020	.0025	.0041	.0055	.0061	.0061
3000	.0020	.0020	.0020	.0020	.0025	.0039	.0053	.0061	.0063
4000	.0021	.0021	.0021	.0021	.0025	.0037	.0051	.0060	.0063
5000	.0021	.0021	.0021	.0021	.0025	.0036	.0049	.0059	.0064
6000	.0022	.0022	.0022	.0022	.0025	.0035	.0047	.0057	.0065
7000	.0022	.0022	.0022	.0022	.0025	.0035	.0046	.0055	.0064
8000	.0023	.0023	.0023	.0023	.0025	.0034	.0045	.0054	.0062
9000	.0023	.0023	.0023	.0023	.0025	.0034	.0044	.0053	.0060
10000	.0023	.0023	.0023	.0023	.0026	.0033	.0043	.0052	.0059
11000	.0023	.0023	.0023	.0023	.0026	.0033	.0043	.0051	.0058
12000	.0024	.0024	.0024	.0024	.0026	.0033	.0042	.0051	.0058
13000	.0024	.0024	.0024	.0024	.0027	.0033	.0042	.0050	.0057
14000	.0025	.0025	.0025	.0025	.0027	.0033	.0042	.0050	.0057
15000	.0025	.0025	.0025	.0025	.0027	.0034	.0042	.0049	.0056
16000	.0026	.0026	.0026	.0026	.0028	.0034	.0042	.0049	.0056
17000	.0026	.0026	.0026	.0026	.0028	.0034	.0042	.0049	.0055
18000	.0027	.0027	.0027	.0027	.0028	.0034	.0042	.0049	.0055
19000	.0028	.0028	.0028	.0028	.0029	.0035	.0042	.0048	.0055
20000	.0028	.0028	.0028	.0028	.0029	.0035	.0042	.0048	.0054
21000	.0029	.0029	.0029	.0029	.0030	.0035	.0042	.0048	.0054

V / Z	2000 °	2200 °	2400 °	2600 °	2800 °	3000 °	3200 °	3400 °	3600 °
0000	.0054	.0052	.0050	.0048	.0047	.0046	.0045	.0044	.0043
1000	.0057	.0056	.0054	.0052	.0050	.0049	.0047	.0046	.0045
2000	.0060	.0059	.0057	.0058	.0054	.0052	.0050	.0049	.0047
3000	.0063	.0062	.0060	.0059	.0057	.0055	.0053	.0052	.0050
4000	.0065	.0065	.0063	.0063	.0060	.0059	.0057	.0056	.0053
5000	.0067	.0068	.0067	.0067	.0064	.0063	.0061	.0059	.0056
6000	.0068	.0070	.0070	.0070	.0068	.0066	.0064	.0062	.0060
7000	.0068	.0071	.0072	.0072	.0072	.0070	.0068	.0066	.0064
8000	.0067	.0071	.0073	.0074	.0075	.0074	.0072	.0070	.0068
9000	.0066	.0071	.0074	.0076	.0077	.0077	.0076	.0075	.0073
10000	.0066	.0070	.0074	.0076	.0078	.0079	.0079	.0078	.0077
11000	.0065	.0070	.0073	.0076	.0079	.0080	.0081	.0081	.0080
12000	.0064	.0069	.0073	.0076	.0079	.0081	.0082	.0083	.0083
13000	.0063	.0069	.0073	.0076	.0079	.0081	.0083	.0084	.0085
14000	.0062	.0068	.0072	.0076	.0079	.0082	.0084	.0085	.0086
15000	.0062	.0068	.0072	.0076	.0079	.0082	.0084	.0086	.0088
16000	.0062	.0067	.0072	.0075	.0079	.0082	.0085	.0086	.0088
17000	.0061	.0067	.0071	.0075	.0079	.0082	.0085	.0087	.0089
18000	.0061	.0067	.0071	.0075	.0079	.0082	.0085	.0088	.0090
19000	.0061	.0066	.0071	.0075	.0079	.0083	.0086	.0088	.0090
20000	.0060	.0066	.0071	.0075	.0079	.0083	.0086	.0089	.0091
21000	.0060	.0065	.0071	.0075	.0079	.0083	.0086	.0089	.0091

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TABLE V. *K. C.* Armor Plate penetration, values of P_v.

To be used with the formula $\frac{t}{d}=P_v\sqrt{\frac{w}{d^3}}$

[t=the penetration in inches; d=diameter of projectile in inches; w=weight of projectile in pounds.]

v	P_v	Δ	v	P_v	Δ
100	0.018	26	1600	1.177	136
200	0.044	33	1700	1.313	144
300	0.077	41	1800	1.457	128
400	0.118	48	1900	1.585	129
500	0.166	55	2000	1.714	128
600	0.221	62	2100	1.842	129
700	0.283	70	2200	1.971	129
800	0.353	77	2300	2.100	128
900	0.430	85	2400	2.228	129
1000	0.515	92	2500	2.357	128
1100	0.607	99	2600	2.485	129
1200	0.706	107	2700	2.614	128
1300	0.813	114	2800	2.742	129
1400	0.927	121	2900	2.871	129
1500	1.048	129	3000	3.000	.....

For oblique impact, α being the angle of incidence (measured from the normal to the plate), the following table of percentages to be subtracted from perforations at normal impact for each value of α is given.

α	Per cent.	α	Per cent.
0	0	25	6
5	0	30	8
10	1	35	11
15	2	40	15
20	4	45	19

TABLE VI. *Values of the coefficient of form for projectiles the heads of which are of ogival radius n calibers.*

[For use only in absence of experimental data.]

$\left(\text{In the formula } C=\frac{\delta_1}{\delta}f_w\frac{w}{i\,d^2}\right)$

n	i	n	i
2	1.00	8	0.49
3	0.82	9	0.46
4	0.71	10	0.44
5	0.64	11	0.42
6	0.58	12	0.41
7	0.54	13	0.39

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TABLE VII. *Values of percentage changes in muzzle velocity of powders tested at 70° F. and fired with a magazine temperature t° F.*

t°	Δ V/V	Δ V for V=		
		2000	2250	2500
0	−.0323	−65	−73	−81
10	−.0302	−60	−67	−75
20	−.0275	−55	−62	−69
30	−.0241	−48	−54	−60
40	−.0199	−40	−45	−50
50	−.0147	−29	−33	−36
60	−.0082	−16	−18	−20
70	.0000	0	0	0
80	+.0101	20	23	25
90	+.0228	46	52	58
100	+.0387	77	87	96

Computed from the formula

$$\frac{\Delta V}{V} = .00867\ (2^{.032t} - 2^{.032\times 70}).$$

$$= .00867\ (2^{.032t} - 4.73).$$

TABLE VIII. *A probability table showing the ratio of the expected width Z of the zone containing a certain percentage of shots to the width Z_1 of the 50 per cent zone. Thus, if 41 per cent of the shots are observed to fall within a zone 100 yards wide, 50 per cent of the shots should have fallen in a zone $\frac{100}{.80}$ or 125 yards wide.*

[Values of Z/Z_1.]

Per cent.	Factor Z/Z_1.	Per cent.	Factor Z/Z_1.	Per cent.	Factor Z/Z_1.	Per cent.	Factor Z/Z_1.	Per cent.	Factor Z/Z_1.
1	0.02	21	0.40	41	0.80	61	1.27	81	1.94
2	0.04	22	0.41	42	0.82	62	1.30	82	1.98
3	0.06	23	0 43	43	0 84	63	1.33	83	2.03
4	0.07	24	0.45	44	0.86	64	1.36	84	2.08
5	0.09	25	0.47	45	0.89	65	1.39	85	2.13
6	0.11	26	0.49	46	0.91	66	1.42	86	2.18
7	0.13	27	0.51	47	0.93	67	1.45	87	2.24
8	0.15	28	0 53	48	0.95	68	1 48	88	2.30
9	0 17	29	0 55	49	0.98	69	1 51	89	2.37
10	0 18	30	0 57	50	1.00	70	1 54	90	2.44
11	0 20	31	0 59	51	1.02	71	1 57	91	2.52
12	0 22	32	0 61	52	1.04	72	1.60	92	2.60
13	0.24	33	0.63	53	1.07	73	1.64	93	2.69
14	0.26	34	0.65	54	1.09	74	1.67	94	2.78
15	0.28	35	0.67	55	1.12	75	1.71	95	2.91
16	0.30	36	0.70	56	1.14	76	1.74	96	3.04
17	0.32	37	0.72	57	1.17	77	1.78	97	3.22
18	0.34	38	0.74	58	1.19	78	1.82	98	3.45
19	0.36	39	0.76	59	1.22	79	1.86	99	3.82
20	0.38	40	0.78	60	1.25	80	1.90	100	.....

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TABLE IX. *Curvature of the earth.*

$$K=[3.3333-10]\ R^2.=2154\left(\frac{R}{1000}\right)^2$$

In which K is the curvature in feet and R the range in yards. The curvatures in feet for ranges at 1,000 yards interval are given in the following table:

Range.	Curvature.	Δ	Range.	Curvature.	Δ
Yards.	*Feet.*	*Feet.*	*Yards.*	*Feet.*	*Feet.*
1,000	0.22	0.64	19,000	77.8	8.4
2,000	0.86	1.08	20,000	86.2	8.8
3,000	1.94	1.51	21,000	95.0	9.3
4,000	3.45	1.94	22,000	104.3	9.7
5,000	5.39	2.36	23,000	114.0	10.1
6,000	7.75	2.80	24,000	124.1	10.5
7,000	10.55	3.24	25,000	134.6	11.0
8,000	13.79	3.66	26,000	145.6	11.4
9,000	17.45	4.09	27,000	157.0	11.9
10,000	21.54	4.52	28,000	168.9	12.3
11,000	26.06	4.96	29,000	181.2	12.7
12,000	31.02	5.38	30,000	193.9	13.1
13,000	36.40	5.82	31,000	207.0	13.6
14,000	42.22	6.25	32,000	220.6	14.0
15,000	48.47	6.67	33,000	234.6	14.4
16,000	55.14	7.11	34,000	249.0	14.9
17,000	62.25	7.54	35,000	263.9	15.3
18,000	69.79	7.97	36,000	279.2	.....

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TABLE X. *The Altitude Factor.*

Ratio of air density at sea level to the density at any height above sea level.

[Computed from the formula: $f_a=(1-.0000064h)^{4.256}$.]

h	f_a	Δ	h	f_a	Δ
Feet.			*Feet.*		
0	1.000	15	20,000	1.885	32
500	1.015	15	20,500	1.917	33
1,000	1.030	16	21,000	1.950	34
1,500	1.046	16	21,500	1.984	34
2,000	1.062	16	22,000	2.018	35
2,500	1.078	16	22,500	2.053	36
3,000	1.094	17	23,000	2.089	37
3,500	1.111	17	23,500	2.126	37
4,000	1.128	17	24,000	2.163	38
4,500	1.145	17	24.500	2.201	39
5,000	1.162	18	25,000	2.240	40
5,500	1.180	18	25,500	2.280	41
6,000	1.198	19	26,000	2.321	42
6,500	1.217	19	26,500	2.363	43
7,000	1.236	19	27,000	2.406	43
7,500	1.255	20	27,500	2.449	44
8,000	1.275	20	28,000	2.493	45
8,500	1.295	21	28,500	2.538	46
9,000	1.316	21	29,000	2.584	48
9,500	1.337	21	29,500	2.632	49
10,000	1.358	22	30,000	2.681	50
10,500	1.380	22	30,500	2.731	51
11,000	1.402	22	31,000	2.782	52
11,500	1.424	23	31,500	2.834	53
12,000	1.447	24	32,000	2.887	54
12,500	1.471	24	32,500	2.941	55
13,000	1.495	24	33,000	2.996	57
13,500	1.519	25	33,500	3.053	58
14,000	1.544	25	34,000	3.111	60
14,500	1.569	26	34,500	3.171	61
15,000	1.595	26	35,000	3.232	62
15,500	1.621	27	35,500	3.294	64
16,000	1.648	28	36,000	3.358	65
16,500	1.676	28	36,500	3.423	66
17,000	1.704	28	37,000	3.489	68
17,500	1.732	29	37,500	3.557	70
18,000	1.761	30	38,000	3.627	72
18,500	1.791	31	38,500	3.699	74
19,000	1.822	31	39,000	3.773	76
19,500	1.853	32	39,500	3.849	77
20,000	1.885	32	40,000	3.926	

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